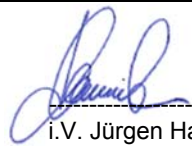


# Declaration of Performance EN

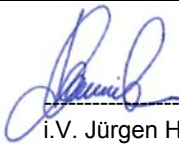
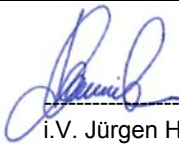
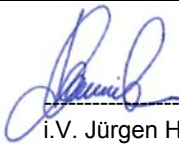
Acc. to construction product regulation (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



| 1                         | Unique identification code of the product-type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                    | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------|---------------------------|-------------|------------------------------------|------------------------|---------|-----------------|----------------------|------------|------------------|--------------------|------------|------------------|-----------------|-----------|------------------|-------------------|----------------|------------------|------------------|--------------|------------------|-----------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                         | Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                    | N.A.                                            |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                         | Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                    | Thermal insulation of buildings                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                         | Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                    | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                         | Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                    | N.A.                                            |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                         | System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                    | System 3                                        |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                         | In case of the declaration of performance concerning a construction product covered by a harmonized standard<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>performed initial tests under system 3 and issued.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                    |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                         | In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued covered by a harmonized standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                    | N.A.                                            |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                         | <b>Declared performance</b> <table border="1"> <thead> <tr> <th>Essential characteristics</th> <th>Performance</th> <th>Harmonized technical specification</th> </tr> </thead> <tbody> <tr> <td>Reaction to fire class</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Thermal conductivity</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Thermal resistance</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Compressibility</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Dynamic stiffness</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Bending strenght</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Thickness</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                    |                                                 | Essential characteristics | Performance | Harmonized technical specification | Reaction to fire class | Class E | EN 13501-1:2010 | Thermal conductivity | 0,040 W/mK | EN 13163:2017-02 | Thermal resistance | 0,75 m²K/W | EN 13163:2017-02 | Compressibility | CP2 ≤2 mm | EN 13163:2017-02 | Dynamic stiffness | SD20 ≤20 MN/m³ | EN 13163:2017-02 | Bending strenght | BS50 ≥50 kPa | EN 13163:2017-02 | Thickness | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Essential characteristics | Performance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Harmonized technical specification |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reaction to fire class    | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EN 13501-1:2010                    |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thermal conductivity      | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EN 13163:2017-02                   |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thermal resistance        | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EN 13163:2017-02                   |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Compressibility           | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EN 13163:2017-02                   |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dynamic stiffness         | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                   |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bending strenght          | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EN 13163:2017-02                   |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thickness                 | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EN 13163:2017-02                   |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                    |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                    |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                    |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                    |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                    |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                    |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                        | The performance of the product identified in point 1 is in conformity with the declared performance in point 9.<br>This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.<br>Signed for and on behalf of the manufacturer by<br><div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <br/> i.V. Thomas Raadts<br/> VP Product Marketing<br/> Frankfurt, 05.12.2017 </div> <div style="text-align: center;"> <br/> i.V. Jürgen Hanneken<br/> Manager Quality<br/> Ochtrup, 05.12.2017 </div> </div>                                                                                                                                                                                                                                            |                                    |                                                 |                           |             |                                    |                        |         |                 |                      |            |                  |                    |            |                  |                 |           |                  |                   |                |                  |                  |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

EPS-EN 13163-T0-BS50-SD20-CP2

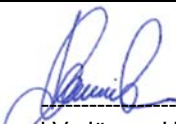
| 1                                                                                                                                                          | Eindeutiger Kenncode des Produkttyps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                        | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------|---------|-----------------|--------------------------|------------|------------------|------------------------|------------|------------------|----------------------|-----------|------------------|------------------------|----------------|------------------|------------------|--------------|------------------|-------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                                                                                                                                                          | Typen-, Chargen- oder Seriennummer oder ein anderes Kennzeichen zur Identifikation des Bauprodukts gemäß Artikel 11 Absatz 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        | N.A.                                            |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                                                                                                                          | Vom Hersteller vorgesehener Verwendungszweck oder vorgesehene Verwendungszwecke des Bauprodukts gemäß der anwendbaren harmonisierten technischen Spezifikation :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        | Thermische Isolierung von Gebäuden              |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                                                                                                                          | Name, eingetragener Handelsname oder eingetragene Marke und Kontaktanschrift des Herstellers gemäß Artikel 11 Absatz 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                                                                                                                          | Gegebenenfalls Name und Kontaktanschrift des Bevollmächtigten, der mit den Aufgaben gemäß Artikel 12 Absatz 2 beauftragt ist :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        | N.A.                                            |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                                                                                                                          | System oder Systeme zur Bewertung und Überprüfung der Leistungsbeständigkeit des Bauprodukts gemäß Anhang V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                        | System 3                                        |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                                                                                                                          | Im Falle der Leistungserklärung, die ein Bauprodukt betrifft, das von einer harmonisierten Norm erfasst wird<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>hat Erstmusterprüfung nach dem System 3 vorgenommen und Folgendes ausgestellt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                                                                                                                          | Im Falle der Leistungserklärung, die ein Bauprodukt betrifft, für das eine Europäische Technische Bewertung ausgestellt worden ist                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                        | N.A.                                            |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                                                                                                                          | <b>Erklärte Leistung</b> <table border="1"> <thead> <tr> <th>Wesentliche Merkmale</th> <th>Leistung</th> <th>Harmonisierte technische Spezifikation</th> </tr> </thead> <tbody> <tr> <td>Feuerwiderstandsklasse</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Thermische Leitfähigkeit</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Thermischer Widerstand</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Zusammendrückbarkeit</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Dynamische Steifigkeit</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Biegesteifigkeit</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Dicke</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                        |                                                 | Wesentliche Merkmale                                                                                                                                       | Leistung                                                                                                                                               | Harmonisierte technische Spezifikation | Feuerwiderstandsklasse | Class E | EN 13501-1:2010 | Thermische Leitfähigkeit | 0,040 W/mK | EN 13163:2017-02 | Thermischer Widerstand | 0,75 m²K/W | EN 13163:2017-02 | Zusammendrückbarkeit | CP2 ≤2 mm | EN 13163:2017-02 | Dynamische Steifigkeit | SD20 ≤20 MN/m³ | EN 13163:2017-02 | Biegesteifigkeit | BS50 ≥50 kPa | EN 13163:2017-02 | Dicke | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wesentliche Merkmale                                                                                                                                       | Leistung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Harmonisierte technische Spezifikation |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Feuerwiderstandsklasse                                                                                                                                     | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EN 13501-1:2010                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thermische Leitfähigkeit                                                                                                                                   | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EN 13163:2017-02                       |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thermischer Widerstand                                                                                                                                     | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EN 13163:2017-02                       |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Zusammendrückbarkeit                                                                                                                                       | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                       |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dynamische Steifigkeit                                                                                                                                     | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EN 13163:2017-02                       |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Biegesteifigkeit                                                                                                                                           | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EN 13163:2017-02                       |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dicke                                                                                                                                                      | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                       |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                                                                                                                                         | Die Leistung des Produkts gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9.<br>Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nummer 4.<br>Unterzeichnet für den Hersteller und im Namen des Herstellers von <table border="0" style="width: 100%;"> <tr> <td style="text-align: center; width: 50%;"> <br/>           i.V. Thomas Raadts<br/>           VP Product Marketing<br/>           Frankfurt, 05.12.2017         </td> <td style="text-align: center; width: 50%;"> <br/>           i.V. Jürgen Hanneken<br/>           Manager Quality<br/>           Ochtrup, 05.12.2017         </td> </tr> </table>                                                                                                                                                                                                            |                                        |                                                 | <br>i.V. Thomas Raadts<br>VP Product Marketing<br>Frankfurt, 05.12.2017 | <br>i.V. Jürgen Hanneken<br>Manager Quality<br>Ochtrup, 05.12.2017 |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <br>i.V. Thomas Raadts<br>VP Product Marketing<br>Frankfurt, 05.12.2017 | <br>i.V. Jürgen Hanneken<br>Manager Quality<br>Ochtrup, 05.12.2017                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EPS-EN 13163-T0-BS50-SD20-CP2                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |                                                 |                                                                                                                                                            |                                                                                                                                                        |                                        |                        |         |                 |                          |            |                  |                        |            |                  |                      |           |                  |                        |                |                  |                  |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**YDEEVNEDEKLARATION** DA

Ifølge byggevarer regulering (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



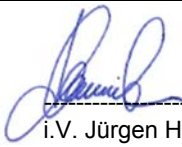
| 1                        | Varetypens unikke identifikationskode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--|-----------------------|---------|----------------------------------------|--------------------------|---------|-----------------|-------------------|------------|------------------|------------------|------------|------------------|------------------|-----------|------------------|-------------------|----------------|------------------|----------------|--------------|------------------|----------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                        | Type-, parti- eller serienummer eller en anden form for angivelse, ved hjælp af hvilken byggevarer kan identificeres som krævet i henhold til artikel 11, stk. 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N.A.                                            |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                        | Byggevarerens tilsigtede anvendelse eller anvendelser i overensstemmelse med den gældende harmoniserede tekniske specifikation som påtænkt af fabrikanten :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Termisk isolering af bygninger                  |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                        | Fabrikantens navn, registrerede firmabetegnelse eller registrerede varemærke og kontaktadresse som krævet i henhold til artikel 11, stk. 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                        | I givet fald navn og kontaktadresse på den bemyndigede repræsentant, hvis mandat omfatter opgaverne i artikel 12, stk. 2 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N.A.                                            |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                        | Systemet eller systemerne til vurdering og kontrol af konstanden af byggevarerens ydeevne, jf. bilag V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | System 3                                        |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                        | Hvis ydeevnedeklarationen vedrører en byggevarer, der er omfattet af en harmoniseret standard<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Osrodek Badawczo Rozwojowy Przemystu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Gornictwa Skalnego (NB 1454)<br>udførte indledende test efter system 3 og udstedte.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                 |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                        | Hvis ydeevnedeklarationen vedrører en byggevarer, for hvilken der er udstedt en europæisk teknisk vurdering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N.A.                                            |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                        | <b>Deklareret ydeevne</b> <table border="1"> <thead> <tr> <th>Væsentlige egenskaber</th> <th>Ydeevne</th> <th>Harmoniserede tekniske specifikationer</th> </tr> </thead> <tbody> <tr> <td>Reaktion på brand klasse</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Varmeledningsevne</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Termisk modstand</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>kompressionsevne</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>dynamiske stivhed</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>bøjningsstyrke</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Tykkelse</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                                 |  | Væsentlige egenskaber | Ydeevne | Harmoniserede tekniske specifikationer | Reaktion på brand klasse | Class E | EN 13501-1:2010 | Varmeledningsevne | 0,040 W/mK | EN 13163:2017-02 | Termisk modstand | 0,75 m²K/W | EN 13163:2017-02 | kompressionsevne | CP2 ≤2 mm | EN 13163:2017-02 | dynamiske stivhed | SD20 ≤20 MN/m³ | EN 13163:2017-02 | bøjningsstyrke | BS50 ≥50 kPa | EN 13163:2017-02 | Tykkelse | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Væsentlige egenskaber    | Ydeevne                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Harmoniserede tekniske specifikationer          |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reaktion på brand klasse | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13501-1:2010                                 |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Varmeledningsevne        | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EN 13163:2017-02                                |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Termisk modstand         | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EN 13163:2017-02                                |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| kompressionsevne         | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EN 13163:2017-02                                |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| dynamiske stivhed        | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EN 13163:2017-02                                |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| bøjningsstyrke           | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EN 13163:2017-02                                |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tykkelse                 | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EN 13163:2017-02                                |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                       | Ydeevnen for den byggevarer, der er anført i punkt 1 og 2, er i overensstemmelse med den deklarerede ydeevne i punkt 9.<br>Denne ydeevnedeklaration udstedes på eneansvar af den fabrikant, der er anført i punkt 4.<br>Underskrevet for fabrikanten og på dennes vegne af <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <br/>             i.V. Thomas Raadts<br/>             VP Product Marketing<br/>             Frankfurt, 05.12.2017           </div> <div style="text-align: center;"> <br/>             i.V. Jürgen Hanneken<br/>             Manager Quality<br/>             Ochtrup, 05.12.2017           </div> </div>                                                                                                                                                                             |                                                 |  |                       |         |                                        |                          |         |                 |                   |            |                  |                  |            |                  |                  |           |                  |                   |                |                  |                |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

EPS-EN 13163-T0-BS50-SD20-CP2

# DECLARACIÓN DE PRESTACIONES ES

De acuerdo con la construcción regulación productos (EU) 305/2011  
Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



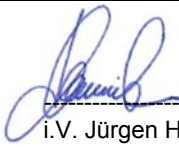
|                               |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------|
| 1                             | Código de identificación única del producto tipo                                                                                                                                                                                                                                                                                                                                                        | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                                       |
| 2                             | Tipo, lote o número de serie o cualquier otro elemento que permita la identificación del producto de construcción como se establece en el artículo 11, apartado 4 :                                                                                                                                                                                                                                     | N.A.                                            |                                       |
| 3                             | Uso o usos previstos del producto de construcción, con arreglo a la especificación técnica armonizada aplicable, tal como lo establece el fabricante :                                                                                                                                                                                                                                                  | El aislamiento térmico de edificios             |                                       |
| 4                             | Nombre, nombre o marca registrados y dirección de contacto del fabricante según lo dispuesto en el artículo 11, apartado 5 :                                                                                                                                                                                                                                                                            | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                                       |
| 5                             | En su caso, nombre y dirección de contacto del representante autorizado cuyo mandato abarca las tareas especificadas en el artículo 12, apartado 2 :                                                                                                                                                                                                                                                    | N.A.                                            |                                       |
| 6                             | Sistema o sistemas de evaluación y verificación de la constancia de las prestaciones del producto de construcción tal como figura en el anexo V :                                                                                                                                                                                                                                                       | System 3                                        |                                       |
| 7                             | En caso de declaración de prestaciones relativa a un producto de construcción cubierto por una norma armonizada<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>tarea realizada pruebas iniciales por el sistema 3 y emitido. |                                                 |                                       |
| 8                             | En caso de declaración de prestaciones relativa a un producto de construcción para el que se ha emitido una evaluación técnica europea                                                                                                                                                                                                                                                                  | N.A.                                            |                                       |
| 9                             | <b>Prestaciones declaradas</b>                                                                                                                                                                                                                                                                                                                                                                          |                                                 |                                       |
|                               | Características esenciales                                                                                                                                                                                                                                                                                                                                                                              | Prestaciones                                    | Especificaciones técnicas armonizadas |
|                               | Clase de reacción al fuego                                                                                                                                                                                                                                                                                                                                                                              | Class E                                         | EN 13501-1:2010                       |
|                               | Conductividad térmica                                                                                                                                                                                                                                                                                                                                                                                   | 0,040 W/mK                                      | EN 13163:2017-02                      |
|                               | Resistencia termica                                                                                                                                                                                                                                                                                                                                                                                     | 0,75 m²K/W                                      | EN 13163:2017-02                      |
|                               | compresibilidad                                                                                                                                                                                                                                                                                                                                                                                         | CP2 ≤2 mm                                       | EN 13163:2017-02                      |
|                               | La rigidez dinámica                                                                                                                                                                                                                                                                                                                                                                                     | SD20 ≤20 MN/m³                                  | EN 13163:2017-02                      |
|                               | Resistencia a la flexión                                                                                                                                                                                                                                                                                                                                                                                | BS50 ≥50 kPa                                    | EN 13163:2017-02                      |
|                               | Espesor                                                                                                                                                                                                                                                                                                                                                                                                 | T(0) +2mm                                       | EN 13163:2017-02                      |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                       |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                       |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                       |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                       |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                       |
| 10                            | Las prestaciones del producto identificado en los puntos 1 y 2 son conformes con las prestaciones declaradas en el punto 9. La presente declaración de prestaciones se emite bajo la sola responsabilidad del fabricante identificado en el punto 4.<br>Firmado por y en nombre del fabricante por                                                                                                      |                                                 |                                       |
|                               | <div><br/>i.V. Thomas Raadts<br/>VP Product Marketing<br/>Frankfurt, 05.12.2017</div> <div><br/>i.V. Jürgen Hanneken<br/>Manager Quality<br/>Ochtrup, 05.12.2017</div>                                                           |                                                 |                                       |
| EPS-EN 13163-T0-BS50-SD20-CP2 |                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                       |

# DÉCLARATION DES PERFORMANCES

FR



Selon la construction des produits régulation (EU) 305/2011  
Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712

| 1                             | Code d'identification unique du produit type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--|-------------------------------|--------------|---------------------------------------|------------------------|---------|-----------------|------------------------|------------|------------------|----------------------|------------|------------------|-----------------|-----------|------------------|-------------------|----------------|------------------|-------------------------|--------------|------------------|-----------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                             | Numéro de type, de lot ou de série ou tout autre élément permettant l'identification du produit de construction, conformément à l'article 11, paragraphe 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N.A.                                            |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                             | Usage ou usages prévus du produit de construction, conformément à la spécification technique harmonisée applicable, comme prévu par le fabricant :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Isolation thermique des bâtiments               |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                             | Nom, raison sociale ou marque déposée et adresse de contact du fabricant, conformément à l'article 11, paragraphe 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                             | Le cas échéant, nom et adresse de contact du mandataire dont le mandat couvre les tâches visées à l'article 12, paragraphe 2 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | N.A.                                            |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                             | Le ou les systèmes d'évaluation et de vérification de la constance des performances du produit de construction, conformément à l'annexe V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | System 3                                        |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                             | <p>Dans le cas de la déclaration des performances concernant un produit de construction couvert par une norme harmonisée</p> <p>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br/> Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br/> Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br/> a réalisé les premiers tests selon le système 3 a délivré.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                             | Dans le cas de la déclaration des performances concernant un produit de construction pour lequel une évaluation technique européenne a été délivrée                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N.A.                                            |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                             | <p><b>Performances déclarées</b></p> <table border="1"> <thead> <tr> <th>Caractéristiques essentielles</th><th>Performances</th><th>Spécifications techniques harmonisées</th></tr> </thead> <tbody> <tr> <td>Réaction au feu classe</td><td>Class E</td><td>EN 13501-1:2010</td></tr> <tr> <td>Conductivité thermique</td><td>0,040 W/mK</td><td>EN 13163:2017-02</td></tr> <tr> <td>Résistance thermique</td><td>0,75 m²K/W</td><td>EN 13163:2017-02</td></tr> <tr> <td>compressibilité</td><td>CP2 ≤2 mm</td><td>EN 13163:2017-02</td></tr> <tr> <td>raideur dynamique</td><td>SD20 ≤20 MN/m³</td><td>EN 13163:2017-02</td></tr> <tr> <td>Résistance à la flexion</td><td>BS50 ≥50 kPa</td><td>EN 13163:2017-02</td></tr> <tr> <td>Épaisseur</td><td>T(0) +2mm</td><td>EN 13163:2017-02</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                                 |  | Caractéristiques essentielles | Performances | Spécifications techniques harmonisées | Réaction au feu classe | Class E | EN 13501-1:2010 | Conductivité thermique | 0,040 W/mK | EN 13163:2017-02 | Résistance thermique | 0,75 m²K/W | EN 13163:2017-02 | compressibilité | CP2 ≤2 mm | EN 13163:2017-02 | raideur dynamique | SD20 ≤20 MN/m³ | EN 13163:2017-02 | Résistance à la flexion | BS50 ≥50 kPa | EN 13163:2017-02 | Épaisseur | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Caractéristiques essentielles | Performances                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Spécifications techniques harmonisées           |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Réaction au feu classe        | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EN 13501-1:2010                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Conductivité thermique        | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                                |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Résistance thermique          | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                                |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| compressibilité               | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 13163:2017-02                                |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| raideur dynamique             | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                                |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Résistance à la flexion       | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EN 13163:2017-02                                |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Épaisseur                     | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 13163:2017-02                                |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                            | <p>Les performances du produit identifié aux points 1 et 2 sont conformes aux performances déclarées indiquées au point 9. La présente déclaration des performances est établie sous la seule responsabilité du fabricant identifié au point 4. Signé pour le fabricant et en son nom par</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <br/> i.V. Thomas Raadts<br/> VP Product Marketing<br/> Frankfurt, 05.12.2017 </div> <div style="text-align: center;"> <br/> i.V. Jürgen Hanneken<br/> Manager Quality<br/> Ochtrup, 05.12.2017 </div> </div>                                                                                                                                                                                                                                                                                                        |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EPS-EN 13163-T0-BS50-SD20-CP2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |  |                               |              |                                       |                        |         |                 |                        |            |                  |                      |            |                  |                 |           |                  |                   |                |                  |                         |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**DICHIARAZIONE DI PRESTAZIONE** IT

Secondo la costruzione regolamentazione prodotti (EU) 305/2011  
 Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



| 1                           | Codice di identificazione unico del prodotto-tipo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 2                           | Numero di tipo, lotto, serie o qualsiasi altro elemento che consenta l'identificazione del prodotto da costruzione ai sensi dell'articolo 11, paragrafo 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N.A.                                            |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                           | Uso o usi previsti del prodotto da costruzione, conformemente alla relativa specifica tecnica armonizzata, come previsto dal fabbricante :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | isolamento termico degli edifici                |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                           | Nome, denominazione commerciale registrata o marchio registrato e indirizzo del fabbricante ai sensi dell'articolo 11, paragrafo 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                           | Se opportuno, nome e indirizzo del mandatario il cui mandato copre i compiti cui all'articolo 12, paragrafo 2 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N.A.                                            |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                           | Sistema o sistemi di valutazione e verifica della costanza della prestazione del prodotto da costruzione di cui all'allegato V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | System 3                                        |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                           | Nel caso di una dichiarazione di prestazione relativa ad un prodotto da costruzione che rientra nell'ambito di applicazione di una norma armonizzata<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>ha effettuato prove iniziali secondo il sistema 3 e ha rilasciato.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                           | Nel caso di una dichiarazione di prestazione relativa ad un prodotto da costruzione per il quale è stata rilasciata una valutazione tecnica europea                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N.A.                                            |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                           | <b>Prestazione dichiarata</b> <table border="1"> <thead> <tr> <th>Caratteristiche essenziali</th> <th>Prestazione</th> <th>Specifica tecnica armonizzata</th> </tr> </thead> <tbody> <tr> <td>Classe di reazione al fuoco</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Conducibilità termica</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Resistenza termica</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>comprimibilità</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>rigidità dinamica</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>resistenza a flessione</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Spessore</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                                 |  | Caratteristiche essenziali | Prestazione | Specifica tecnica armonizzata | Classe di reazione al fuoco | Class E | EN 13501-1:2010 | Conducibilità termica | 0,040 W/mK | EN 13163:2017-02 | Resistenza termica | 0,75 m²K/W | EN 13163:2017-02 | comprimibilità | CP2 ≤2 mm | EN 13163:2017-02 | rigidità dinamica | SD20 ≤20 MN/m³ | EN 13163:2017-02 | resistenza a flessione | BS50 ≥50 kPa | EN 13163:2017-02 | Spessore | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Caratteristiche essenziali  | Prestazione                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Specifica tecnica armonizzata                   |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Classe di reazione al fuoco | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EN 13501-1:2010                                 |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Conducibilità termica       | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                                |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Resistenza termica          | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                                |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| comprimibilità              | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN 13163:2017-02                                |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rigidità dinamica           | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EN 13163:2017-02                                |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| resistenza a flessione      | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EN 13163:2017-02                                |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Spessore                    | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN 13163:2017-02                                |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                          | La prestazione del prodotto di cui ai punti 1 e 2 è conforme alla prestazione dichiarata di cui al punto 9.<br>Si rilascia la presente dichiarazione di prestazione sotto la responsabilità esclusiva del fabbricante di cui al punto 4.<br>Firmato a nome e per conto di <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <br/>           i.V. Thomas Raadts<br/>           VP Product Marketing<br/>           Frankfurt, 05.12.2017         </div> <div style="text-align: center;"> <br/>           i.V. Jürgen Hanneken<br/>           Manager Quality<br/>           Ochtrup, 05.12.2017         </div> </div>                                                                                                                                                                                                                 |                                                 |  |                            |             |                               |                             |         |                 |                       |            |                  |                    |            |                  |                |           |                  |                   |                |                  |                        |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

EPS-EN 13163-T0-BS50-SD20-CP2

**PRESTATIEVERKLARING**

NL

Volgens bouwproducten regelgeving (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



| 1                      | Unieke identificatiecode van het producttype                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------|----------------------|------------|------------------------------------------|------------------------|---------|-----------------|-----------------|------------|------------------|----------------------|------------|------------------|-------------------|-----------|------------------|----------------------|----------------|------------------|------------|--------------|------------------|-------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                      | Type-, partij- of serienummer, dan wel een ander identificatiemiddel voor het bouwproduct, zoals voorgeschreven in artikel 11, lid 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          | N.A.                                            |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                      | Beoogde gebruiken van het bouwproduct, overeenkomstig de toepasselijke geharmoniseerde technische specificatie, zoals door de fabrikant bepaald :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                          | Thermische isolatie van gebouwen                |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                      | Naam, geregistreerde handelsnaam of geregistreerd handelsmerk en contactadres van de fabrikant, zoals voorgeschreven in artikel 11, lid 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                      | Naam, geregistreerde handelsnaam of geregistreerd handelsmerk en contactadres van de fabrikant, zoals voorgeschreven in artikel 11, lid 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | N.A.                                            |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                      | Het systeem of de systemen voor de beoordeling en verificatie van de prestatiebestendigheid van het bouwproduct, vermeld in bijlage V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          | System 3                                        |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                      | Indien de prestatieverklaring betrekking heeft op een bouwproduct dat onder een geharmoniseerde norm valt<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>heeft onder systeem eerste tests de volgende taken uitgevoerd 3 en heeft verstrekt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                      | Indien de prestatieverklaring betrekking heeft op een bouwproduct waarvoor een Europese technische beoordeling is afgegeven                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          | N.A.                                            |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                      | <b>Aangegeven prestatie</b> <table border="1"> <thead> <tr> <th>Essentiële kenmerken</th> <th>Prestaties</th> <th>Geharmoniseerde technische specificaties</th> </tr> </thead> <tbody> <tr> <td>Reactie op brandklasse</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Warmtegeleiding</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Thermische weerstand</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>samendrukbaarheid</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>dynamische stijfheid</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Buigkracht</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Dikte</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                          |                                                 | Essentiële kenmerken | Prestaties | Geharmoniseerde technische specificaties | Reactie op brandklasse | Class E | EN 13501-1:2010 | Warmtegeleiding | 0,040 W/mK | EN 13163:2017-02 | Thermische weerstand | 0,75 m²K/W | EN 13163:2017-02 | samendrukbaarheid | CP2 ≤2 mm | EN 13163:2017-02 | dynamische stijfheid | SD20 ≤20 MN/m³ | EN 13163:2017-02 | Buigkracht | BS50 ≥50 kPa | EN 13163:2017-02 | Dikte | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Essentiële kenmerken   | Prestaties                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Geharmoniseerde technische specificaties |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reactie op brandklasse | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EN 13501-1:2010                          |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Warmtegeleiding        | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                         |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Thermische weerstand   | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                         |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| samendrukbaarheid      | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN 13163:2017-02                         |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| dynamische stijfheid   | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EN 13163:2017-02                         |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Buigkracht             | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EN 13163:2017-02                         |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dikte                  | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN 13163:2017-02                         |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                     | De prestaties van het in de punten 1 en 2 omschreven product zijn conform de in punt 9 aangegeven prestaties.<br>Deze prestatieverklaring wordt verstrekt onder de exclusieve verantwoordelijkheid van de in punt 4 vermelde fabrikant.<br>Ondertekend voor en namens de fabrikant door <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <br/>             i.V. Thomas Raadts<br/>             VP Product Marketing<br/>             Frankfurt, 05.12.2017           </div> <div style="text-align: center;"> <br/>             i.V. Jürgen Hanneken<br/>             Manager Quality<br/>             Ochtrup, 05.12.2017           </div> </div>                                                                                                                                                                   |                                          |                                                 |                      |            |                                          |                        |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                      |                |                  |            |              |                  |       |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

EPS-EN 13163-T0-BS50-SD20-CP2



**DECLARAÇÃO DE DESEMPENHO** PT

De acordo com a regulamentação produtos de construção (EU) 305/2011  
 Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                      |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------|
| 1  | Código de identificação único do produto-tipo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                                      |
| 2  | Número do tipo, do lote ou da série, ou quaisquer outros elementos que permitam a identificação do produto de construção, nos termos do n.º 4 do artigo 11.º :                                                                                                                                                                                                                                                                                                                                                                                                                        | N.A.                                            |                                      |
| 3  | Utilização ou utilizações previstas do produto de construção, de acordo com a especificação técnica harmonizada aplicável, tal como previsto pelo fabricante :                                                                                                                                                                                                                                                                                                                                                                                                                        | O isolamento térmico de edifícios               |                                      |
| 4  | Nome, designação comercial ou marca comercial registada e endereço de contacto do fabricante, nos termos do n.º 5 do artigo 11.º :                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                                      |
| 5  | Se aplicável, nome e endereço de contacto do mandatário cujo mandato abrange os actos especificados no n.º 2 do artigo 12.º :                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N.A.                                            |                                      |
| 6  | Sistema ou sistemas de avaliação e verificação da regularidade do desempenho do produto de construção tal como previsto no anexo V :                                                                                                                                                                                                                                                                                                                                                                                                                                                  | System 3                                        |                                      |
| 7  | No caso de uma declaração de desempenho relativa a um produto de construção abrangido por uma norma harmonizada<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>realizou ensaios iniciais no âmbito do sistema 3 e emitiu.                                                                                                                                                                                  |                                                 |                                      |
| 8  | No caso de uma declaração de desempenho relativa a um produto de construção para o qual tenha sido emitida uma Avaliação Técnica Europeia                                                                                                                                                                                                                                                                                                                                                                                                                                             | N.A.                                            |                                      |
| 9  | <b>Desempenho declarado</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                                      |
|    | Características essenciais                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Desempenho                                      | Especificações técnicas harmonizadas |
|    | Reação à classe de fogo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Class E                                         | EN 13501-1:2010                      |
|    | Condutividade térmica                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,040 W/mK                                      | EN 13163:2017-02                     |
|    | Resistência térmica                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,75 m²K/W                                      | EN 13163:2017-02                     |
|    | compressibilidade                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CP2 ≤2 mm                                       | EN 13163:2017-02                     |
|    | rigidez dinâmica                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SD20 ≤20 MN/m³                                  | EN 13163:2017-02                     |
|    | resistência à flexão                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BS50 ≥50 kPa                                    | EN 13163:2017-02                     |
|    | Espessura                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | T(0) +2mm                                       | EN 13163:2017-02                     |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                      |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                      |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                      |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                      |
| 10 | O desempenho do produto identificado nos pontos 1 e 2 é conforme com o desempenho declarado no ponto 9.<br>A presente declaração de desempenho é emitida sob a exclusiva responsabilidade do fabricante identificado no ponto 4.<br>Assinado por e em nome do fabricante por                                                                                                                                                                                                                                                                                                          |                                                 |                                      |
|    | <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <br/>           i.V. Thomas Raadts<br/>           VP Product Marketing<br/>           Frankfurt, 05.12.2017         </div> <div style="text-align: center;"> <br/>           i.V. Jürgen Hanneken<br/>           Manager Quality<br/>           Ochtrup, 05.12.2017         </div> </div> |                                                 |                                      |

EPS-EN 13163-T0-BS50-SD20-CP2



**PRESTANDEDEKLARATION SV**

Enligt byggprodukter reglering (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                    |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------|
| 1                             | Produkttypens unika identifikationskod                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                                    |
| 2                             | Typ-, parti- eller serienummer eller någon annan beteckning som möjliggör identifiering av byggprodukter i enlighet med artikel 11.4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N.A.                                            |                                    |
| 3                             | Byggproduktens avsedda användning eller användningar i enlighet med den tillämpliga, harmoniserade tekniska specifikationen, såsom förutsett av tillverkaren :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Värmeisolering av byggnader                     |                                    |
| 4                             | Tillverkarens namn, registrerade företagsnamn eller registrerade varumärke samt kontaktadress enligt vad som krävs i artikel 11.5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                                    |
| 5                             | I tillämpliga fall namn och kontaktadress för tillverkarens representant vars mandat omfattar de uppgifter som anges i artikel 12.2 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | N.A.                                            |                                    |
| 6                             | Systemet eller systemen för bedömning och fortlöpande kontroll av byggproduktens prestanda enligt bilaga V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | System 3                                        |                                    |
| 7                             | För det fall att prestandadeklarationen avser en byggprodukt som omfattas av en harmoniserad standard<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Osrodek Badawczo Rozwojowy Przemystu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Gornictwa Skalnego (NB 1454)<br>har utfört inledande tester enligt system 3 och har utfärdat.                                                                                                                                                                                                                                                                                                                                                                                       |                                                 |                                    |
| 8                             | För det fall att prestandadeklarationen avser en byggprodukt för vilken en europeisk teknisk bedömning har utfärdats                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N.A.                                            |                                    |
| 9                             | <b>Angiven prestanda</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |                                    |
|                               | Väsentliga egenskaper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Prestanda                                       | Harmoniserad teknisk specifikation |
|                               | Reaktion vid brandklass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Class E                                         | EN 13501-1:2010                    |
|                               | Värmeledningsförmåga                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0,040 W/mK                                      | EN 13163:2017-02                   |
|                               | Termisk resistans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0,75 m²K/W                                      | EN 13163:2017-02                   |
|                               | kompressibilitet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | CP2 ≤2 mm                                       | EN 13163:2017-02                   |
|                               | dynamisk styvhet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SD20 ≤20 MN/m³                                  | EN 13163:2017-02                   |
|                               | Böjhållfasthet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BS50 ≥50 kPa                                    | EN 13163:2017-02                   |
|                               | Tjocklek                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | T(0) +2mm                                       | EN 13163:2017-02                   |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                    |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                    |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                    |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                    |
| 10                            | <p>Prestandan för den produkt som anges i punkterna 1 och 2 överensstämmer med den prestanda som anges i punkt 9. Denna prestandadeklaration utfärdas på eget ansvar av den tillverkare som anges under punkt 4. Undertecknat för tillverkaren av</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>.....<br/>i.V. Thomas Raadts<br/>VP Product Marketing<br/>Frankfurt, 05.12.2017</p> </div> <div style="text-align: center;">  <p>.....<br/>i.V. Jürgen Hanneken<br/>Manager Quality<br/>Ochtrup, 05.12.2017</p> </div> </div> |                                                 |                                    |
| EPS-EN 13163-T0-BS50-SD20-CP2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                                    |

| 1                             | Cod unic de identificare al produsului-tip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--|--------------------------|-------------|-----------------------------------|-------------------------|---------|-----------------|------------------------|------------|------------------|--------------------|------------|------------------|------------------|-----------|------------------|---------------------|----------------|------------------|--------------------------|--------------|------------------|---------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                             | Tipul, lotul sau numărul de serie sau orice alt element care permite identificarea produsului pentru construcții astfel cum este solicitat la articolul 11 alineatul (4) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N.A.                                            |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                             | Utilizarea sau utilizările preconizate ale produsului pentru construcții, în conformitate cu specificația tehnică armonizată aplicabilă, astfel cum este prevăzut de fabricant :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Izolarea termică a clădirilor                   |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                             | Numele, denumirea socială sau marca înregistrată și adresa de contact a fabricantului, astfel cum se solicită în temeiul articolului 11 alineatul (5) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                             | După caz, numele și adresa de contact a reprezentantului autorizat al cărui mandat acoperă atribuțiile specificate la articolul 12 alineatul (2) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | N.A.                                            |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                             | Sistemul sau sistemele de evaluare și verificare a constanței performanței produsului pentru construcții, astfel cum este prevăzut în anexa V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | System 3                                        |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                             | În cazul declarației de performanță privind un produs pentru construcții acoperit de un standard armonizat<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>a efectuat teste inițiale în cadrul sistemului 3 și a emis.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                 |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                             | În cazul declarației de performanță pentru un produs pentru construcții pentru care s-a emis o evaluare tehnică europeană                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N.A.                                            |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                             | <b>Performanța declarată</b><br><table border="1"> <thead> <tr> <th>Caracteristici esențiale</th> <th>Performanță</th> <th>Specificațiile tehnice armonizate</th> </tr> </thead> <tbody> <tr> <td>Reacție la clasa de foc</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Conductivitate termică</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Rezistența termică</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>compresibilitate</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>rigiditate dinamică</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>rezistență la încovoiere</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Grosime</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                                 |  | Caracteristici esențiale | Performanță | Specificațiile tehnice armonizate | Reacție la clasa de foc | Class E | EN 13501-1:2010 | Conductivitate termică | 0,040 W/mK | EN 13163:2017-02 | Rezistența termică | 0,75 m²K/W | EN 13163:2017-02 | compresibilitate | CP2 ≤2 mm | EN 13163:2017-02 | rigiditate dinamică | SD20 ≤20 MN/m³ | EN 13163:2017-02 | rezistență la încovoiere | BS50 ≥50 kPa | EN 13163:2017-02 | Grosime | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Caracteristici esențiale      | Performanță                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Specificațiile tehnice armonizate               |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reacție la clasa de foc       | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EN 13501-1:2010                                 |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Conductivitate termică        | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EN 13163:2017-02                                |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rezistența termică            | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EN 13163:2017-02                                |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| compresibilitate              | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EN 13163:2017-02                                |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rigiditate dinamică           | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EN 13163:2017-02                                |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| rezistență la încovoiere      | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                                |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Grosime                       | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EN 13163:2017-02                                |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                            | <p>Performanța produsului identificat la punctele 1 și 2 este în conformitate cu performanța declarată de la punctul 9. Această declarație de performanță este emisă pe răspunderea exclusivă a fabricantului identificat la punctul 4. Semnată pentru și în numele fabricantului de către</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <br/>             i.V. Thomas Raadts<br/>             VP Product Marketing<br/>             Frankfurt, 05.12.2017         </div> <div style="text-align: center;"> <br/>             i.V. Jürgen Hanneken<br/>             Manager Quality<br/>             Ochtrup, 05.12.2017         </div> </div>                                                                                                                                                                                 |                                                 |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EPS-EN 13163-T0-BS50-SD20-CP2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |  |                          |             |                                   |                         |         |                 |                        |            |                  |                    |            |                  |                  |           |                  |                     |                |                  |                          |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

# SUORITUSTASOILMOITUS FI

Mukaan rakennustuotteet asetuksen (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



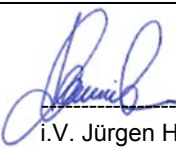
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 1                             | Tuotetyypin yksilöllinen tunnistus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                             | Tyyppi-, erä- tai sarjanumero tai muu merkintä, jonka ansiosta rakennustuotteet voidaan tunnistaa, kuten 11 artiklan 4 kohdassa edellytetään :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     | N.A.                                            |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                             | Valmistajan ennakkoima, sovellettavan yhdenmukaistetun teknisen eritelmän mukainen rakennustuotteen aiottu käyttötarkoitus tai -tarkoitukset :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     | Lämpöeristys rakennusten                        |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                             | Valmistajan nimi, rekisteröity kauppanimi tai tavaramerkki sekä osoite, josta valmistajaan saa yhteyden, kuten 11 artiklan 5 kohdassa edellytetään :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                             | Mahdollisen valtuutetun edustajan, jonka toimeksiantoon kuuluvat 12 artiklan 2 kohdassa eritellyt tehtävät, nimi sekä osoite, josta tähän saa yhteyden :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                     | N.A.                                            |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                             | Rakennustuotteen suoritusasteen pysyvyyden arviointi- ja varmennusjärjestelmä(t) liitteen V mukaisesti :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                     | System 3                                        |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                             | <p>Kun kyse on yhdenmukaistetun standardin piiriin kuuluvan rakennustuotteen suoritusasteilmoituksesta</p> <p>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br/> Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br/> Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br/> suoritti Lähtöasteotesti järjestelmän 3 mukaisesti ja antoi.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                             | Kun kyse on suoritusasteilmoituksesta, joka koskee rakennustuotetta, josta on annettu eurooppalainen tekninen arviointi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     | N.A.                                            |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                             | <p><b>Ilmoitetut suoritusasteet</b></p> <table border="1"> <tr> <td>Perusominaisuudet</td> <td>Suoritusaste</td> <td>Yhdenmukaistetut tekniset eritelmat</td> </tr> <tr> <td>Reagointi paloluokka</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Lämmönjohtokyky</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Terminen resistanssi</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>kokoonturistuvuus</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>dynaaminen jäykkyys</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>taivutuslujuus</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Paksuus</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> |                                     |                                                 | Perusominaisuudet | Suoritusaste | Yhdenmukaistetut tekniset eritelmat | Reagointi paloluokka | Class E | EN 13501-1:2010 | Lämmönjohtokyky | 0,040 W/mK | EN 13163:2017-02 | Terminen resistanssi | 0,75 m²K/W | EN 13163:2017-02 | kokoonturistuvuus | CP2 ≤2 mm | EN 13163:2017-02 | dynaaminen jäykkyys | SD20 ≤20 MN/m³ | EN 13163:2017-02 | taivutuslujuus | BS50 ≥50 kPa | EN 13163:2017-02 | Paksuus | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Perusominaisuudet             | Suoritusaste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yhdenmukaistetut tekniset eritelmat |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reagointi paloluokka          | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EN 13501-1:2010                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lämmönjohtokyky               | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EN 13163:2017-02                    |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Terminen resistanssi          | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EN 13163:2017-02                    |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| kokoonturistuvuus             | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EN 13163:2017-02                    |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| dynaaminen jäykkyys           | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EN 13163:2017-02                    |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| taivutuslujuus                | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 13163:2017-02                    |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Paksuus                       | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EN 13163:2017-02                    |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                            | <p>Edellä 1 ja 2 kohdassa yksilöidyn tuotteen suoritusasteet ovat 9 kohdassa ilmoitettujen suoritusasteiden mukaiset. Tämä suoritusasteilmoitus on annettu 4 kohdassa ilmoitetun valmistajan yksinomaisella vastuulla. Valmistajan puolesta allekirjoittanut</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>.....<br/> i.V. Thomas Raadts<br/> VP Product Marketing<br/> Frankfurt, 05.12.2017</p> </div> <div style="text-align: center;">  <p>.....<br/> i.V. Jürgen Hanneken<br/> Manager Quality<br/> Ochtrup, 05.12.2017</p> </div> </div>                                                                                                                                                                                                                              |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EPS-EN 13163-T0-BS50-SD20-CP2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                                 |                   |              |                                     |                      |         |                 |                 |            |                  |                      |            |                  |                   |           |                  |                     |                |                  |                |              |                  |         |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**PROHLÁŠENÍ O VLASTNOSTECH** CS

Podle stavební úpravy produktů (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Jedinečný identifikační kód typu výrobku                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Typ, série nebo sériové číslo nebo jakýkoli jiný prvek umožňující identifikaci stavebních výrobků podle čl. 11 odst. 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | N.A.                                            |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Zamýšlené použití nebo zamýšlená použití stavebního výrobku v souladu s příslušnou harmonizovanou technickou specifikací podle předpokladu výrobce :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Zateplování budov                               |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Jméno, firma nebo registrovaná obchodní známka a kontaktní adresa výrobce podle čl. 11 odst. 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Případně jméno a kontaktní adresa zplnomocněného zástupce, jehož plná moc se vztahuje na úkoly uvedené v čl. 12 odst. 2 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N.A.                                            |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Systém nebo systémy posuzování a ověřování stálosti vlastností stavebních výrobků, jak je uvedeno v příloze V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | System 3                                        |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | V případě prohlášení o vlastnostech týkajících se stavebního výrobku, na který se vztahuje harmonizovaná norma<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>provedl počáteční zkoušky podle systému 3 a vydal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | V případě prohlášení o vlastnostech týkajících se stavebního výrobku, pro který bylo vydáno evropské technické posouzení:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N.A.                                            |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Vlastnosti uvedené v prohlášení</b> <table border="1"> <thead> <tr> <th>Základní charakteristiky</th> <th>Vlastnost</th> <th>Harmonizované technické specifikace</th> </tr> </thead> <tbody> <tr> <td>Třída reakce na oheň</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Tepelná vodivost</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>tepelný odpor</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>stlačitelnost</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Dynamická tuhost</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>pevnost v ohybu</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>tloušťka</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                                 | Základní charakteristiky | Vlastnost | Harmonizované technické specifikace | Třída reakce na oheň | Class E | EN 13501-1:2010 | Tepelná vodivost | 0,040 W/mK | EN 13163:2017-02 | tepelný odpor | 0,75 m²K/W | EN 13163:2017-02 | stlačitelnost | CP2 ≤2 mm | EN 13163:2017-02 | Dynamická tuhost | SD20 ≤20 MN/m³ | EN 13163:2017-02 | pevnost v ohybu | BS50 ≥50 kPa | EN 13163:2017-02 | tloušťka | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Základní charakteristiky                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Vlastnost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Harmonizované technické specifikace             |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Třída reakce na oheň                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EN 13501-1:2010                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tepelná vodivost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EN 13163:2017-02                                |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| tepelný odpor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EN 13163:2017-02                                |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| stlačitelnost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EN 13163:2017-02                                |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dynamická tuhost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 13163:2017-02                                |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pevnost v ohybu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EN 13163:2017-02                                |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| tloušťka                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EN 13163:2017-02                                |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Vlastnost výrobku uvedená v bodě 1 a 2 je ve shodě s vlastností uvedenou v bodě 9.<br>Toto prohlášení o vlastnostech se vydává na výhradní odpovědnost výrobce uvedeného v bodě 4.<br>Podepsáno za výrobce a jeho jménem                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <br/>           i.V. Thomas Raadts<br/>           VP Product Marketing<br/>           Frankfurt, 05.12.2017         </div> <div style="text-align: center;"> <br/>           i.V. Jürgen Hanneken<br/>           Manager Quality<br/>           Ochtrup, 05.12.2017         </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EPS-EN 13163-T0-BS50-SD20-CP2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                 |                          |           |                                     |                      |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

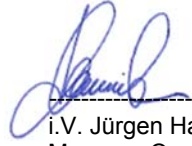
**EKSPLOATACINIŲ SAVYBIŲ DEKLARACIJA**

LT



Pagal statybos produktų reglamentą (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 1  | Unikalus produkto tipo identifikacinis kodas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |
| 2  | Tipo, partijos ar serijos numeris ar bet koks kitas elementas, pagal kurį galima identifikuoti statybos produktą, kaip reikalaujama pagal 11 straipsnio 4 dalį :                                                                                                                                                                                                                                                                                                                                                                                                                                           | N.A.                                            |
| 3  | Gamintojo numatyta statybos produkto naudojimo paskirtis ar paskirtys pagal taikomą darniąją techninę specifikaciją :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Pastatų šiltinimas                              |
| 4  | Gamintojo pavadinimas, registruotas komercinis pavadinimas arba registruotas prekės ženklas ir kontaktinis adresas, kaip reikalaujama pagal 11 straipsnio 5 dalį :                                                                                                                                                                                                                                                                                                                                                                                                                                         | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |
| 5  | Kai taikytina, įgaliotojo atstovo, kuriam suteikti įgaliojimai apima 12 straipsnio 2 dalyje nurodytas užduotis, pavadinimas ir kontaktinis adresas :                                                                                                                                                                                                                                                                                                                                                                                                                                                       | N.A.                                            |
| 6  | Statybos produkto eksploatacinių savybių pastovumo vertinimo ir tikrinimo sistema ar sistemos, kaip nustatyta V priede :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | System 3                                        |
| 7  | Eksploatacinių savybių deklaracijos, susijusios su statybos produktu, kuriam taikomas darnusis standartas, atveju<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemystu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Gornictwa Skalnego (NB 1454)<br>atliko pradiniai testai pagal sistemą 3 ir išdavė.                                                                                                                                                                                                             |                                                 |
| 8  | Eksploatacinių savybių deklaracijos, susijusios su statybos produktu, kuriam buvo išduotas Europos techninis įvertinimas, atveju                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N.A.                                            |
| 9  | <b>Deklaruojamos eksploatacinės savybės</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |
|    | Esminės charakteristikos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Eksploatacinės savybės                          |
|    | Degumo klasė                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Class E                                         |
|    | Šilumos laidumas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0,040 W/mK                                      |
|    | šiluminė varža                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0,75 m²K/W                                      |
|    | spūdumas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CP2 ≤2 mm                                       |
|    | Dinaminis standumas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SD20 ≤20 MN/m³                                  |
|    | lenkimui                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | BS50 ≥50 kPa                                    |
|    | storis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | T(0) +2mm                                       |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
| 10 | 1 ir 2 punktuose nurodyto produkto eksploatacinės savybės atitinka 9 punkte deklaruojamas eksploatacines savybes.<br>Ši eksploatacinių savybių deklaracija išduota tik 4 punkte nurodyto gamintojo atsakomybe.<br>Pasirašyta (gamintojas ir jo vardu)<br><br><div><br/>i.V. Thomas Raadts<br/>VP Product Marketing<br/>Frankfurt, 05.12.2017</div> <div><br/>i.V. Jürgen Hanneken<br/>Manager Quality<br/>Ochtrup, 05.12.2017</div> |                                                 |

EPS-EN 13163-T0-BS50-SD20-CP2

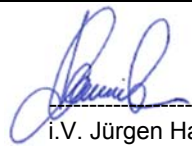
# EKSPLOATĀCIJAS ĪPAŠĪBU DEKLARĀCIJA

LV



Saskaņā ar Būvzestrādājumu regulas (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712

|    |                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 1  | Unikāls izstrādājuma tipa identifikācijas numurs                                                                                                                                                                                                                                                                                                                                              | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |
| 2  | Tipa, partijas vai sērijas numurs vai kāds cits būvzestrādājuma identifikācijas elements, kā noteikts 11. panta 4. punktā :                                                                                                                                                                                                                                                                   | N.A.                                            |
| 3  | Būvzestrādājuma paredzētais izmantojums vai izmantojumi saskaņā ar piemērojamo saskaņoto tehnisko specifikāciju, kā paredzējis ražotājs :                                                                                                                                                                                                                                                     | Ēku siltināšana                                 |
| 4  | Ražotāja nosaukums, reģistrētais komercnosaukums vai reģistrētā preču zīme un kontaktadrese, kā noteikts 11. panta 5. punktā :                                                                                                                                                                                                                                                                | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |
| 5  | Vajadzības gadījumā tā pilnvarotā pārstāvja vārds un kontaktadrese, kura pilnvaras attiecas uz 12. panta 2. punktā nosauktajiem uzdevumiem :                                                                                                                                                                                                                                                  | N.A.                                            |
| 6  | Ekspluatācijas īpašību noturības novērtējuma un pārbaudes sistēma vai sistēmas, kā noteikts V pielikumā :                                                                                                                                                                                                                                                                                     | System 3                                        |
| 7  | Gadījumā, ja ekspluatācijas īpašību deklarācija attiecas uz būvzestrādājumu, kuram ir saskaņotais standarts<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemystu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Gornictwa Skalnego (NB 1454)<br>veica sākotnējie testi atbilstīgi sistēmai 3 un izdeva. |                                                 |
| 8  | Gadījumā, ja ekspluatācijas īpašību deklarācija attiecas uz būvzestrādājumu, kuram ir izdots Eiropas tehniskais novērtējums                                                                                                                                                                                                                                                                   | N.A.                                            |
| 9  | <b>Deklarētās ekspluatācijas īpašības</b>                                                                                                                                                                                                                                                                                                                                                     |                                                 |
|    | Būtiskie raksturlielumi                                                                                                                                                                                                                                                                                                                                                                       | Ekspluatācijas īpašības                         |
|    | Reakcija uz uguni klase                                                                                                                                                                                                                                                                                                                                                                       | Class E                                         |
|    | Siltumvadītspēja                                                                                                                                                                                                                                                                                                                                                                              | 0,040 W/mK                                      |
|    | termiskā pretestība                                                                                                                                                                                                                                                                                                                                                                           | 0,75 m²K/W                                      |
|    | saspiežamība                                                                                                                                                                                                                                                                                                                                                                                  | CP2 ≤2 mm                                       |
|    | Dynamic stīvums                                                                                                                                                                                                                                                                                                                                                                               | SD20 ≤20 MN/m³                                  |
|    | lieces stiprība                                                                                                                                                                                                                                                                                                                                                                               | BS50 ≥50 kPa                                    |
|    | biezums                                                                                                                                                                                                                                                                                                                                                                                       | T(0) +2mm                                       |
|    |                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |
| 10 | Pielikuma 1. un 2. punktā norādītā izstrādājuma ekspluatācijas īpašības atbilst 9. punktā norādītajām deklarētajām ekspluatācijas īpašībām.<br>Par šo izdoto ekspluatācijas īpašību deklarāciju ir atbildīgs vienīgi 4. punktā norādītais ražotājs.<br>Par šo izdoto ekspluatācijas īpašību deklarāciju ir atbildīgs vienīgi 4. punktā norādītais ražotājs                                    |                                                 |
|    | <div><br/>i.V. Thomas Raadts<br/>VP Product Marketing<br/>Frankfurt, 05.12.2017</div> <div><br/>i.V. Jürgen Hanneken<br/>Manager Quality<br/>Ochtrup, 05.12.2017</div>                                                 |                                                 |

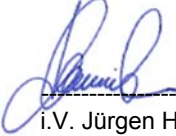
EPS-EN 13163-T0-BS50-SD20-CP2

## TOIMIVUSDEKLARATSIOON ET

Vastavalt ehitustoodete määrus (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



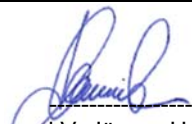
| 1                             | Tootetüübi kordumatu identifitseerimiskood                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------|------------------------|--|--|--------------|----------|---------------------------------|---------------------------|---------|-----------------|----------------|------------|------------------|---------------|------------|------------------|----------------|-----------|------------------|--------------------|----------------|------------------|---------------|--------------|------------------|--------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                             | Tüübi-, partii- või seerianumber või muu element, mis võimaldab ehitustootet identifitseerimist artikli 11 lõike 4 kohaselt :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                 | N.A.                                            |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                             | Tootja poolt ette nähtud ehitustootet kavandatud kasutusotstarve või -otstarbed kooskõlas kohaldatava ühtlustatud tehnilise kirjeldusega :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 | Hoonete soojustamiseks                          |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                             | Artikli 11 lõikes 5 nõutud tootja nimi, registreeritud kaubanimi või registreeritud kaubamärk ja kontaktaadress :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                             | Vajaduse korral volitatud esindaja nimi ja kontaktaadress, kelle volitused hõlmavad artikli 12 lõikes 2 täpsustatud ülesandeid :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 | N.A.                                            |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                             | V lisas sätestatud ehitustootet toimivuse püsivuse hindamise ja kontrollimise süsteem või süsteemid :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                 | System 3                                        |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                             | Ühtlustatud standardiga hõlmatud ehitustootet toimivusdeklaratsiooni korral<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>teostas esialgsed katsed süsteemi kohaselt 3 ning andis välja.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                             | Sellise ehitustootet, mille kohta on antud Euroopa tehniline hinnang, toimivusdeklaratsiooni korral                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 | N.A.                                            |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                             | <table border="1"> <thead> <tr> <th colspan="3">Deklareeritud toimivus</th> </tr> <tr> <th>Põhiomadused</th> <th>Toimivus</th> <th>Ühtlustatud tehniline kirjeldus</th> </tr> </thead> <tbody> <tr> <td>Käitumine tulekahju klass</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Soojusjuhtivus</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Soojatakistus</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>kokkusurutavus</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Dünaamiline jäikus</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>paindetugevus</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>paksus</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                 |                                                 | Deklareeritud toimivus |  |  | Põhiomadused | Toimivus | Ühtlustatud tehniline kirjeldus | Käitumine tulekahju klass | Class E | EN 13501-1:2010 | Soojusjuhtivus | 0,040 W/mK | EN 13163:2017-02 | Soojatakistus | 0,75 m²K/W | EN 13163:2017-02 | kokkusurutavus | CP2 ≤2 mm | EN 13163:2017-02 | Dünaamiline jäikus | SD20 ≤20 MN/m³ | EN 13163:2017-02 | paindetugevus | BS50 ≥50 kPa | EN 13163:2017-02 | paksus | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Deklareeritud toimivus        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Põhiomadused                  | Toimivus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Ühtlustatud tehniline kirjeldus |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Käitumine tulekahju klass     | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EN 13501-1:2010                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soojusjuhtivus                | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EN 13163:2017-02                |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Soojatakistus                 | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EN 13163:2017-02                |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| kokkusurutavus                | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EN 13163:2017-02                |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dünaamiline jäikus            | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EN 13163:2017-02                |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| paindetugevus                 | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EN 13163:2017-02                |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| paksus                        | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EN 13163:2017-02                |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                            | Punktides 1 ja 2 kindlaksmääratud toote toimivus on kooskõlas punktis 9 osutatud deklareeritud toimivusega.<br>Käesolev toimivusdeklaratsioon on välja antud punktis 4 kindlaksmääratud tootja ainuvastutusel.<br>Tootja poolt ja nimel allkirjastanud <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <br/>             i.V. Thomas Raadts<br/>             VP Product Marketing<br/>             Frankfurt, 05.12.2017           </div> <div style="text-align: center;"> <br/>             i.V. Jürgen Hanneken<br/>             Manager Quality<br/>             Ochtrup, 05.12.2017           </div> </div>                                                                                                                                                                                                                                              |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EPS-EN 13163-T0-BS50-SD20-CP2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                 |                        |  |  |              |          |                                 |                           |         |                 |                |            |                  |               |            |                  |                |           |                  |                    |                |                  |               |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



# TELJESÍTMÉNYNYILATKOZAT HU

Szerint az építési termékekre szabályozás (EU) 305/2011  
Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



| 1                        | A terméktípus egyedi azonosító kódja                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------|--------------|-------------------------------|--------------------------|---------|-----------------|----------|------------|------------------|--------|------------|------------------|------------------|-----------|------------------|--------------------|----------------|------------------|-------------------|--------------|------------------|-----------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                        | Típus-, tétel- vagy sorozatszám vagy egyéb ilyen elem, amely lehetővé teszi az építési termék azonosítását a 11. cikk (4) bekezdésében előírtaknak megfelelően :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N.A.                                            |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                        | Az építési terméknek a gyártó által meghatározott rendeltetése vagy rendeltetései az alkalmazandó harmonizált műszaki előírással összhangban :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Épületek hőszigetelésére                        |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                        | A gyártók neve, bejegyzett kereskedelmi neve, illetve bejegyzett védjegye, valamint értesítési címe a 11. cikk (5) bekezdésében előírtaknak megfelelően :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                        | Adott esetben annak a meghatalmazott képviselőnek a neve és értesítési címe, akinek a megbízása körébe a 12. cikk (2) bekezdésében meghatározott feladatok tartoznak :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | N.A.                                            |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                        | Az építési termékek teljesítménye állandóságának értékelésére és ellenőrzésére szolgáló, az V. mellékletben szereplők szerinti rendszer vagy rendszerek :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | System 3                                        |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                        | <p>Harmonizált szabványok által szabályozott építési termékekre vonatkozó gyártói nyilatkozat esetén</p> <p>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br/>Centralny Ośrodek Badawczy Rozwojowy Przemystu Izolacji Budowlanej (NB 1486)<br/>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br/>-t végzett a(z) kezdeti vizsgálatok a rendszerben 3 és a következőt adta ki.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                        | Olyan építési termékekre vonatkozó gyártói nyilatkozat esetén, amelyekre európai műszaki értékelést adtak ki                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N.A.                                            |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                        | <p><b>A nyilatkozat szerinti teljesítmény</b></p> <table> <tr> <th>Alapvető tulajdonságok</th><th>Teljesítmény</th><th>Harmonizált műszaki előírások</th></tr> <tr> <td>Tűzveszélyességi osztály</td><td>Class E</td><td>EN 13501-1:2010</td></tr> <tr> <td>Hővezető</td><td>0,040 W/mK</td><td>EN 13163:2017-02</td></tr> <tr> <td>Hőálló</td><td>0,75 m²K/W</td><td>EN 13163:2017-02</td></tr> <tr> <td>összenyomhatóság</td><td>CP2 ≤2 mm</td><td>EN 13163:2017-02</td></tr> <tr> <td>dinamikus merevség</td><td>SD20 ≤20 MN/m³</td><td>EN 13163:2017-02</td></tr> <tr> <td>hajlítószilárdság</td><td>BS50 ≥50 kPa</td><td>EN 13163:2017-02</td></tr> <tr> <td>Vastagság</td><td>T(0) +2mm</td><td>EN 13163:2017-02</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> |                                                 | Alapvető tulajdonságok | Teljesítmény | Harmonizált műszaki előírások | Tűzveszélyességi osztály | Class E | EN 13501-1:2010 | Hővezető | 0,040 W/mK | EN 13163:2017-02 | Hőálló | 0,75 m²K/W | EN 13163:2017-02 | összenyomhatóság | CP2 ≤2 mm | EN 13163:2017-02 | dinamikus merevség | SD20 ≤20 MN/m³ | EN 13163:2017-02 | hajlítószilárdság | BS50 ≥50 kPa | EN 13163:2017-02 | Vastagság | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Alapvető tulajdonságok   | Teljesítmény                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Harmonizált műszaki előírások                   |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tűzveszélyességi osztály | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EN 13501-1:2010                                 |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hővezető                 | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EN 13163:2017-02                                |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hőálló                   | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EN 13163:2017-02                                |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| összenyomhatóság         | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                                |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| dinamikus merevség       | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EN 13163:2017-02                                |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| hajlítószilárdság        | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EN 13163:2017-02                                |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Vastagság                | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                                |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                 |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                       | <p>Az 1. és 2. pontban meghatározott termék teljesítménye megfelel a 9. pontban feltüntetett, nyilatkozat szerinti teljesítménynek. E teljesítménynyilatkozat kiadásáért kizárólag a 4. pontban meghatározott gyártó a felelős.<br/>A gyártó nevében és részéről aláíró személy</p> <div> <div>  <p>i.V. Thomas Raadts<br/>VP Product Marketing<br/>Frankfurt, 05.12.2017</p> </div> <div>  <p>i.V. Jürgen Hanneken<br/>Manager Quality<br/>Ochtrup, 05.12.2017</p> </div> </div>                                                                                                                                                                                                                                                                                                                                  |                                                 |                        |              |                               |                          |         |                 |          |            |                  |        |            |                  |                  |           |                  |                    |                |                  |                   |              |                  |           |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

EPS-EN 13163-T0-BS50-SD20-CP2

**IZJAVA O LASTNOSTIH SL**

V skladu z uredbo gradbene proizvode (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



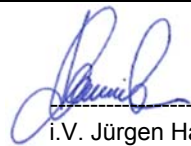
| 1                       | Enotna identifikacijska oznaka tipa proizvoda                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------|----------|--------------------------------------|-------------------------|---------|-----------------|---------------------|------------|------------------|-------------------|------------|------------------|-------------|-----------|------------------|------------------|----------------|------------------|------------------|--------------|------------------|----------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                       | Tip, serijska ali zaporedna številka ali kateri koli drug element, na podlagi katerega je mogoče prepoznati gradbene proizvode, v skladu s členom 11(4) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      | N.A.                                            |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                       | Predvidena uporaba ali predvidene vrste uporabe gradbenega proizvoda v skladu z veljavno harmonizirano tehnično specifikacijo, kot jih predvideva proizvajalec :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      | Toplotna izolacija stavb                        |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                       | Ime, registrirano trgovsko ime ali registrirana blagovna znamka in naslov proizvajalca v skladu s členom 11(5) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                       | Po potrebi ime ali naslov pooblaščenega zastopnika, katerega pooblastilo zajema naloge, opredeljene v členu 12(2) :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      | N.A.                                            |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                       | Sistem ali sistemi ocenjevanja in preverjanja nespremenljivosti lastnosti gradbenega proizvoda, kot je določeno v Prilogi V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      | System 3                                        |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                       | Za izjavo o lastnostih glede gradbenega proizvoda, za katerega velja harmoniziran standard<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>je izvedel začetni tespočiatočne skúškyti v okviru sistema 3 in izdal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                      |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                       | Za izjavo o lastnostih glede gradbenega proizvoda, za katerega je bila izdana evropska tehnična ocena                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                      | N.A.                                            |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                       | <b>Navedena lastnost</b> <table border="1"> <thead> <tr> <th>Bistvene značilnosti</th> <th>Lastnost</th> <th>Harmonizirane tehnične specifikacije</th> </tr> </thead> <tbody> <tr> <td>Odziv na požarni razred</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Toplotna prevodnost</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>toplotna upornost</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>stisljivost</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>dinamična togost</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>upogibna trdnost</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>debelina</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                      |                                                 | Bistvene značilnosti | Lastnost | Harmonizirane tehnične specifikacije | Odziv na požarni razred | Class E | EN 13501-1:2010 | Toplotna prevodnost | 0,040 W/mK | EN 13163:2017-02 | toplotna upornost | 0,75 m²K/W | EN 13163:2017-02 | stisljivost | CP2 ≤2 mm | EN 13163:2017-02 | dinamična togost | SD20 ≤20 MN/m³ | EN 13163:2017-02 | upogibna trdnost | BS50 ≥50 kPa | EN 13163:2017-02 | debelina | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bistvene značilnosti    | Lastnost                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Harmonizirane tehnične specifikacije |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Odziv na požarni razred | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EN 13501-1:2010                      |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Toplotna prevodnost     | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EN 13163:2017-02                     |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| toplotna upornost       | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EN 13163:2017-02                     |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| stisljivost             | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EN 13163:2017-02                     |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| dinamična togost        | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                     |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| upogibna trdnost        | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EN 13163:2017-02                     |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| debelina                | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EN 13163:2017-02                     |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                      | Lastnosti proizvoda, navedenega v točki 1 in 2, so v skladu z navedenimi lastnostmi iz točke 9.<br>Za izdajo te izjave o lastnostih je odgovoren izključno proizvajalec, naveden v točki 4.<br>Podpisal za in v imenu proizvajalca<br><div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <br/>             i.V. Thomas Raadts<br/>             VP Product Marketing<br/>             Frankfurt, 05.12.2017           </div> <div style="text-align: center;"> <br/>             i.V. Jürgen Hanneken<br/>             Manager Quality<br/>             Ochtrup, 05.12.2017           </div> </div>                                                                                                                                                                                      |                                      |                                                 |                      |          |                                      |                         |         |                 |                     |            |                  |                   |            |                  |             |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

EPS-EN 13163-T0-BS50-SD20-CP2

**ΔΗΛΩΣΗ ΑΠΟΔΟΣΗΣ** EL

Σύμφωνα με την κατασκευή κανονισμός για τα προϊόντα (EU) 305/2011  
 Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



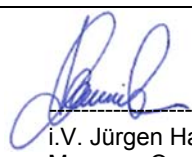
|                               |                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                   |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------|
| 1                             | Μοναδικός κωδικός ταυτοποίησης του τύπου του προϊόντος                                                                                                                                                                                                                                                                                                  | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                                   |
| 2                             | Αριθμός τύπου, παρτίδας ή σειράς ή οποιοδήποτε άλλο στοιχείο επιτρέπει την ταυτοποίηση του προϊόντος του τομέα των δομικών κατασκευών, όπως προβλέπει το άρθρο 11 παράγραφος 4 :                                                                                                                                                                        | N.A.                                            |                                   |
| 3                             | Προτεινόμενη χρήση ή χρήσεις του προϊόντος του τομέα δομικών κατασκευών, σύμφωνα με την ισχύουσα εναρμονισμένη τεχνική προδιαγραφή, όπως προβλέπεται από τον κατασκευαστή :                                                                                                                                                                             | Θερμική μόνωση των κτιρίων                      |                                   |
| 4                             | Όνομα, εμπορική επωνυμία ή κατατεθέν σήμα και διεύθυνση επικοινωνίας του κατασκευαστή, όπως προβλέπεται στο άρθρο 11 παράγραφος 5 :                                                                                                                                                                                                                     | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                                   |
| 5                             | Όπου εφαρμόζεται, όνομα και διεύθυνση επικοινωνίας του εξουσιοδοτημένου αντιπροσώπου, η εντολή του οποίου καλύπτει τα καθήκοντα που προβλέπονται στο άρθρο 12 παράγραφος 2 :                                                                                                                                                                            | N.A.                                            |                                   |
| 6                             | Σύστημα ή συστήματα αξιολόγησης και επαλήθευσης της σταθερότητας της απόδοσης του προϊόντος του τομέα των δομικών κατασκευών όπως καθορίζεται το παράρτημα V :                                                                                                                                                                                          | System 3                                        |                                   |
| 7                             | Σε περίπτωση δήλωσης απόδοσης σχετικά με προϊόν του τομέα δομικών κατασκευών που καλύπτεται από εναρμονισμένο πρότυπο                                                                                                                                                                                                                                   |                                                 |                                   |
|                               | Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemystu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>διενήργησε αρχικές δοκιμές βάσει του συστήματος 3 και εξέδωσε.                                                                   |                                                 |                                   |
| 8                             | Σε περίπτωση δήλωσης απόδοσης σχετικά με προϊόν του τομέα δομικών κατασκευών για το οποίο έχει εκδοθεί ευρωπαϊκή τεχνική αξιολόγηση                                                                                                                                                                                                                     | N.A.                                            |                                   |
| 9                             | <b>Δηλωθείσα απόδοση</b>                                                                                                                                                                                                                                                                                                                                |                                                 |                                   |
|                               | Ουσιώδη χαρακτηριστικά                                                                                                                                                                                                                                                                                                                                  | Απόδοση                                         | Εναρμονισμένη τεχνική προδιαγραφή |
|                               | Αντίδραση στην κατηγορία πυρκαγιάς                                                                                                                                                                                                                                                                                                                      | Class E                                         | EN 13501-1:2010                   |
|                               | Θερμική αγωγιμότητα                                                                                                                                                                                                                                                                                                                                     | 0,040 W/mK                                      | EN 13163:2017-02                  |
|                               | Θερμική αντίσταση                                                                                                                                                                                                                                                                                                                                       | 0,75 m²K/W                                      | EN 13163:2017-02                  |
|                               | συμπίεστό                                                                                                                                                                                                                                                                                                                                               | CP2 ≤2 mm                                       | EN 13163:2017-02                  |
|                               | δυναμική ακαμψία                                                                                                                                                                                                                                                                                                                                        | SD20 ≤20 MN/m³                                  | EN 13163:2017-02                  |
|                               | αντοχή σε κάμψη                                                                                                                                                                                                                                                                                                                                         | BS50 ≥50 kPa                                    | EN 13163:2017-02                  |
|                               | Πάχος                                                                                                                                                                                                                                                                                                                                                   | T(0) +2mm                                       | EN 13163:2017-02                  |
|                               |                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                   |
|                               |                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                   |
|                               |                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                   |
|                               |                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                   |
| 10                            | Η απόδοση του προϊόντος που ταυτοποιείται στα σημεία 1 και 2 ανταποκρίνεται προς την απόδοση που δηλώθηκε στο σημείο 9. Η παρούσα δήλωση απόδοσης εκδίδεται με αποκλειστική ευθύνη του κατασκευαστή που ταυτοποιείται στο σημείο 4. Υπογραφή για λογαριασμό και εξ ονόματος του κατασκευαστή από                                                        |                                                 |                                   |
|                               | <div><div><br/>i.V. Thomas Raadts<br/>VP Product Marketing<br/>Frankfurt, 05.12.2017</div><div><br/>i.V. Jürgen Hanneken<br/>Manager Quality<br/>Ochtrup, 05.12.2017</div></div> |                                                 |                                   |
| EPS-EN 13163-T0-BS50-SD20-CP2 |                                                                                                                                                                                                                                                                                                                                                         |                                                 |                                   |

**IZJAVA O SVOJSTVIMA** HR

Prema građevnih proizvoda regulacije (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



| 1                       | Jedinstvena identifikacijska oznaka vrste proizvoda                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------|----------|----------------------------------|-------------------------|---------|-----------------|----------------------|------------|------------------|-----------------|------------|------------------|------------|-----------|------------------|-------------------|----------------|------------------|-----------------------|--------------|------------------|----------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                       | Tip, serija ili serijski broj ili bilo koji drugi element kojim se omogućuje identifikacija građevnog proizvoda, kako je potrebno sukladno članku 11. stavku 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | N.A.                                            |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                       | Namjeravana uporaba ili uporabe građevnog proizvoda, u skladu s primjenjivim usklađenim tehničkim specifikacijama, kako je predvidio proizvođač :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Toplinska izolacija zgrada                      |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                       | Ime, registrirani trgovački naziv ili registrirani žig i kontaktna adresa proizvođača, kako je potrebno sukladno članku 11. stavku 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                       | Prema potrebi, ime i kontaktna adresa ovlaštenog predstavnika čije ovlaštenje obuhvaća zadatke poblježe označene u članku 12. stavku 2. :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N.A.                                            |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                       | Sustav ili sustavi ocjenjivanja i provjere stalnosti svojstava građevnog proizvoda, kako je utvrđeno u Prilogu V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | System 3                                        |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                       | U slučaju Izjave o svojstvima u vezi s građevnim proizvodom obuhvaćenim usklađenom normom<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczy Rozwojowy Przemystu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>provedeno Prvi testovi sukladno sustavu 3 i izdano.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                 |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                       | U slučaju izjave o svojstvima koja se odnosi na građevni proizvod za koji je izdana europska tehnička ocjena                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N.A.                                            |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                       | <b>Objavljeno svojstvo</b> <table border="1"> <thead> <tr> <th>Bitne značajke</th> <th>Svojstva</th> <th>Usklađena tehnička specifikacija</th> </tr> </thead> <tbody> <tr> <td>Reakcija na požar klase</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Toplinska vodljivost</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Toplinski otpor</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>kompresije</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Dinamička krutost</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>čvrstoća na savijanje</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Debljina</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                                 | Bitne značajke | Svojstva | Usklađena tehnička specifikacija | Reakcija na požar klase | Class E | EN 13501-1:2010 | Toplinska vodljivost | 0,040 W/mK | EN 13163:2017-02 | Toplinski otpor | 0,75 m²K/W | EN 13163:2017-02 | kompresije | CP2 ≤2 mm | EN 13163:2017-02 | Dinamička krutost | SD20 ≤20 MN/m³ | EN 13163:2017-02 | čvrstoća na savijanje | BS50 ≥50 kPa | EN 13163:2017-02 | Debljina | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bitne značajke          | Svojstva                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Usklađena tehnička specifikacija                |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Reakcija na požar klase | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EN 13501-1:2010                                 |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Toplinska vodljivost    | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                                |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Toplinski otpor         | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                                |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| kompresije              | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 13163:2017-02                                |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dinamička krutost       | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                                |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| čvrstoća na savijanje   | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EN 13163:2017-02                                |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Debljina                | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 13163:2017-02                                |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                      | Svojstvo proizvoda utvrđeno u točkama 1. i 2. u skladu je s objavljenim svojstvom u točki 9.<br>Ova izjava o svojstvima objavljena je pod isključivom odgovornošću proizvođača identificiranog u točki 4.<br>Za proizvođača i u njegovo ime potpisao <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <br/>             i.V. Thomas Raadts<br/>             VP Product Marketing<br/>             Frankfurt, 05.12.2017           </div> <div style="text-align: center;"> <br/>             i.V. Jürgen Hanneken<br/>             Manager Quality<br/>             Ochtrup, 05.12.2017           </div> </div>                                                                                                                                                                                          |                                                 |                |          |                                  |                         |         |                 |                      |            |                  |                 |            |                  |            |           |                  |                   |                |                  |                       |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

EPS-EN 13163-T0-BS50-SD20-CP2

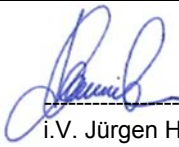
**DEKLARACJA WŁAŚCIWOŚCI UŻYTKOWYCH**

PL



Według Construction Products regulacji (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 1  | Niepowtarzalny kod identyfikacyjny typu wyrobu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |
| 2  | Numer typu, partii lub serii lub jakiegokolwiek inny element umożliwiający identyfikację wyrobu budowlanego, wymagany zgodnie z art. 11 ust. 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N.A.                                            |
| 3  | Przewidziane przez producenta zamierzone zastosowanie lub zastosowania wyrobu budowlanego zgodnie z mającą zastosowanie zharmonizowaną specyfikacją techniczną :                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ocieplanie budynków                             |
| 4  | Nazwa, zastrzeżona nazwa handlowa lub zastrzeżony znak towarowy oraz adres kontaktowy producenta, wymagany zgodnie z art. 11 ust. 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |
| 5  | W stosownych przypadkach nazwa i adres kontaktowy upoważnionego przedstawiciela, którego pełnomocnictwo obejmuje zadania określone w art. 12 ust. 2 :                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N.A.                                            |
| 6  | System lub systemy oceny i weryfikacji stałości właściwości użytkowych wyrobu budowlanego określone w załączniku V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | System 3                                        |
| 7  | W przypadku deklaracji właściwości użytkowych dotyczącej wyrobu budowlanego objętego normą zharmonizowaną<br>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br>przeprowadził(-a/-o) wstępne testy w systemie 3 i wydał(-a/-o).                                                                                                                                                                                                        |                                                 |
| 8  | W przypadku deklaracji właściwości użytkowych dotyczącej wyrobu budowlanego, dla którego wydana została europejska ocena techniczna                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N.A.                                            |
| 9  | <b>Deklarowane właściwości użytkowe</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                 |
|    | Zasadnicze charakterystyki                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Właściwości użytkowe                            |
|    | Klasa reakcji na ogień                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Class E                                         |
|    | Przewodność cieplna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0,040 W/mK                                      |
|    | Opór cieplny                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0,75 m²K/W                                      |
|    | Ścisłość                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CP2 ≤2 mm                                       |
|    | Szytywność dynamiczna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SD20 ≤20 MN/m³                                  |
|    | Siła wyginania                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | BS50 ≥50 kPa                                    |
|    | Grubość                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | T(0) +2mm                                       |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                 |
| 10 | Właściwości użytkowe wyrobu określone w pkt 1 i 2 są zgodne z właściwościami użytkowymi deklarowanymi w pkt 9.<br>Niniejsza deklaracja właściwości użytkowych wydana zostaje na wyłączną odpowiedzialność producenta określonego w pkt 4.<br>W imieniu producenta podpisał(-a)<br><br><br>i.V. Thomas Raadts<br>VP Product Marketing<br>Frankfurt, 05.12.2017<br><br>i.V. Jürgen Hanneken<br>Manager Quality<br>Ochtrup, 05.12.2017 |                                                 |

EPS-EN 13163-T0-BS50-SD20-CP2

# ДЕКЛАРАЦИЯ ЗА ЕКСПЛОАТАЦИОННИ ПОКАЗАТЕЛИ

BG



Според строителни продукти регулация (EU) 305/2011  
Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712

| 1                         | Уникален идентификационен код на типа продукт                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------|---------------------------|----------------------------|---------------------------------------|----------------------|---------|-----------------|------------------|------------|------------------|------------------------|------------|------------------|------------|-----------|------------------|------------------|----------------|------------------|------------------|--------------|------------------|----------|-----------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 2                         | Тип, партиден или сериен номер или друг елемент, който позволява да се идентифицира строителният продукт съгласно изискванията на член 11, параграф 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N.A.                                            |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                         | Предвидена употреба или употреби на строителния продукт в съответствие с приложимата хармонизирана спецификация, както е предвидено от производителя :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Топлоизолация на сгради                         |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                         | Име, регистрирано търговско наименование или регистрирана търговска марка и адрес за контакт на производителя съгласно изискванията на член 11, параграф 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                         | Когато е приложимо, име и адрес за контакт на упълномощения представител, чието пълномощие включва задачите, посочени в член 12, параграф 2 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N.A.                                            |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                         | Система или системи за оценяване и проверка на постоянството на експлоатационните показатели на строителния продукт, както са изложени в приложение V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | System 3                                        |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                         | <p>В случай на декларация за експлоатационни показатели относно строителен продукт, обхванат от хармонизиран стандарт</p> <p>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br/>Centralny Ośrodek Badawczo Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br/>Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br/>извърши първоначалните тестове по система 3 и издаде.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                         | В случай на декларация за експлоатационни показатели относно строителен продукт, за който е издадена европейска техническа оценка                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                 | N.A. |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                         | <p><b>Декларираните експлоатационни показатели</b></p> <table border="1"> <thead> <tr> <th>Съществени характеристики</th> <th>Експлоатационни показатели</th> <th>Хармонизирана техническа спецификация</th> </tr> </thead> <tbody> <tr> <td>Реакция на огън клас</td> <td>Class E</td> <td>EN 13501-1:2010</td> </tr> <tr> <td>Топлопроводимост</td> <td>0,040 W/mK</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Термично съпротивление</td> <td>0,75 m²K/W</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>свиваемост</td> <td>CP2 ≤2 mm</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>Dynamic скваност</td> <td>SD20 ≤20 MN/m³</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>якост на огъване</td> <td>BS50 ≥50 kPa</td> <td>EN 13163:2017-02</td> </tr> <tr> <td>дебелина</td> <td>T(0) +2mm</td> <td>EN 13163:2017-02</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                                 |      | Съществени характеристики | Експлоатационни показатели | Хармонизирана техническа спецификация | Реакция на огън клас | Class E | EN 13501-1:2010 | Топлопроводимост | 0,040 W/mK | EN 13163:2017-02 | Термично съпротивление | 0,75 m²K/W | EN 13163:2017-02 | свиваемост | CP2 ≤2 mm | EN 13163:2017-02 | Dynamic скваност | SD20 ≤20 MN/m³ | EN 13163:2017-02 | якост на огъване | BS50 ≥50 kPa | EN 13163:2017-02 | дебелина | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Съществени характеристики | Експлоатационни показатели                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Хармонизирана техническа спецификация           |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Реакция на огън клас      | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | EN 13501-1:2010                                 |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Топлопроводимост          | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                                |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Термично съпротивление    | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                                |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| свиваемост                | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 13163:2017-02                                |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dynamic скваност          | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EN 13163:2017-02                                |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| якост на огъване          | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EN 13163:2017-02                                |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| дебелина                  | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EN 13163:2017-02                                |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 10                        | <p>Експлоатационните показатели на продукта, посочени в точки 1 и 2, съответстват на декларираните експлоатационни показатели в точка 9.</p> <p>Настоящата декларация за експлоатационни показатели се издава изцяло на отговорността на производителя, посочен в точка 4.</p> <p>Подписано за и от името на производителя от</p> <div style="display: flex; justify-content: space-around; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <br/>             i.V. Thomas Raadts<br/>             VP Product Marketing<br/>             Frankfurt, 05.12.2017         </div> <div style="text-align: center;"> <br/>             i.V. Jürgen Hanneken<br/>             Manager Quality<br/>             Ochtrup, 05.12.2017         </div> </div>                                                                                                                                                                                          |                                                 |      |                           |                            |                                       |                      |         |                 |                  |            |                  |                        |            |                  |            |           |                  |                  |                |                  |                  |              |                  |          |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

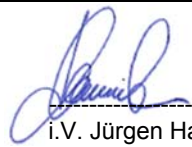
EPS-EN 13163-T0-BS50-SD20-CP2

# **VYHLÁSENIE O PARAMETROCH** SK

Podľa stavebné úpravy produktov (EU) 305/2011

Uponor\_DoP\_TACKER\_1090924\_INT\_1091922\_201712



| 1                      | Jedinečný identifikačný kód typu výrobku                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1090924_UPONOR TACKER ROLL EPS DES 30-2MM 10X1M |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 2                      | Typ, číslo výrobnej dávky alebo sériové číslo, alebo akýkoľvek iný prvok umožňujúci identifikáciu stavebného výrobku, ako sa vyžaduje podľa článku 11 ods. 4 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N.A.                                            |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                      | Zamýšľané použitia stavebného výrobku, ktoré uvádza výrobca, v súlade s uplatniteľnou harmonizovanou technickou špecifikáciou :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Zatepľovanie budov                              |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                      | Meno, registrované obchodné meno alebo registrovaná ochranná známka a kontaktná adresa výrobcu, ako sa vyžaduje podľa článku 11 ods. 5 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Uponor GmbH Franklinstr. 61-63 60486 Frankfurt  |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                      | V prípade potreby meno a kontaktná adresa splnomocneného zástupcu, ktorého splnomocnenie zahŕňa úlohy vymedzené v článku 12 ods. 2 :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N.A.                                            |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                      | Systém alebo systémy posudzovania a overovania nemennosti parametrov stavebného výrobku, ako sa uvádzajú v prílohe V :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | System 3                                        |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                      | <p>V prípade vyhlásenia o parametroch týkajúceho sa stavebného výrobku, na ktorý sa vzťahuje harmonizovaná norma</p> <p>Materialprüfanstalt für das Bauwesen MPA Bau Hannover (NB 0764)<br/> Centralny Ośrodek Badawczy Rozwojowy Przemysłu Izolacji Budowlanej (NB 1486)<br/> Instytut Mechanizacji Budownictwa i Górnictwa Skalnego (NB 1454)<br/> vykonal počiatočné skúšky v systéme 3 a vydala.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                      | V prípade vyhlásenia o parametroch týkajúceho sa stavebného výrobku, na ktorý bolo vypracované európske technické posúdenie                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N.A.                                            |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9                      | <p><b>Deklarované parametre</b></p> <table border="1"> <thead> <tr> <th>Podstatné vlastnosti</th><th>Parametre</th><th>Harmonizované technické špecifikácie</th></tr> </thead> <tbody> <tr> <td>Trieda reakcie na oheň</td><td>Class E</td><td>EN 13501-1:2010</td></tr> <tr> <td>Tepelná vodivosť</td><td>0,040 W/mK</td><td>EN 13163:2017-02</td></tr> <tr> <td>tepelný odpor</td><td>0,75 m²K/W</td><td>EN 13163:2017-02</td></tr> <tr> <td>stlačiteľnosť</td><td>CP2 ≤2 mm</td><td>EN 13163:2017-02</td></tr> <tr> <td>dynamická tuhosť</td><td>SD20 ≤20 MN/m³</td><td>EN 13163:2017-02</td></tr> <tr> <td>pevnosť v ohybe</td><td>BS50 ≥50 kPa</td><td>EN 13163:2017-02</td></tr> <tr> <td>Hrúbka</td><td>T(0) +2mm</td><td>EN 13163:2017-02</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> |                                                 | Podstatné vlastnosti | Parametre | Harmonizované technické špecifikácie | Trieda reakcie na oheň | Class E | EN 13501-1:2010 | Tepelná vodivosť | 0,040 W/mK | EN 13163:2017-02 | tepelný odpor | 0,75 m²K/W | EN 13163:2017-02 | stlačiteľnosť | CP2 ≤2 mm | EN 13163:2017-02 | dynamická tuhosť | SD20 ≤20 MN/m³ | EN 13163:2017-02 | pevnosť v ohybe | BS50 ≥50 kPa | EN 13163:2017-02 | Hrúbka | T(0) +2mm | EN 13163:2017-02 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Podstatné vlastnosti   | Parametre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Harmonizované technické špecifikácie            |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Trieda reakcie na oheň | Class E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EN 13501-1:2010                                 |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tepelná vodivosť       | 0,040 W/mK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EN 13163:2017-02                                |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| tepelný odpor          | 0,75 m²K/W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EN 13163:2017-02                                |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| stlačiteľnosť          | CP2 ≤2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                                |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| dynamická tuhosť       | SD20 ≤20 MN/m³                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EN 13163:2017-02                                |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| pevnosť v ohybe        | BS50 ≥50 kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EN 13163:2017-02                                |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Hrúbka                 | T(0) +2mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EN 13163:2017-02                                |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                 |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                     | <p>Parametre výrobku uvedené v bodoch 1 a 2 sú v zhode s deklarovateľnými parametrami v bode 9.<br/> Toto vyhlásenie o parametroch sa vydáva na výhradnú zodpovednosť výrobcu uvedeného v bode 4.<br/> Podpísal(-a) za a v mene výrobcu</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <br/> i.V. Thomas Raadts<br/> VP Product Marketing<br/> Frankfurt, 05.12.2017 </div> <div style="text-align: center;"> <br/> i.V. Jürgen Hanneken<br/> Manager Quality<br/> Ochtrup, 05.12.2017 </div> </div>                                                                                                                                                                                                                                                                         |                                                 |                      |           |                                      |                        |         |                 |                  |            |                  |               |            |                  |               |           |                  |                  |                |                  |                 |              |                  |        |           |                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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