



# SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

**14817-10-1014**

## 4000-Serie

Product group: Vinyl - Design floors

**VIVA**floors

Vivafloors B. V.  
Breukersweg 1C  
7471 St. Goor, Niederlande



### Product qualities:



*Köttner*

**Helmut Köttner**  
Scientific Director  
Freiburg, 02 February 2026



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The SHI Database is the first and only database for construction products whose comprehensive processes and data accuracy are regularly verified by the independent auditing company SGS-TÜV Saar





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## SHI Product Assessment 2024

Since 2008, Sentinel Holding Institut GmbH (SHI) has been establishing a unique standard for products that support healthy indoor air. Experts carry out independent product assessments based on clear and transparent criteria. In addition, the independent testing company SGS regularly audits the processes and data accuracy.

| Criteria                       | Product category      | Harmful substance limit                                                                | Assessment                   |
|--------------------------------|-----------------------|----------------------------------------------------------------------------------------|------------------------------|
| SHI Product Assessment         | Other floor coverings | TVOC $\leq 160 \mu\text{g}/\text{m}^3$<br>Formaldehyd $\leq 10 \mu\text{g}/\text{m}^3$ | Indoor Air Quality Certified |
| Valid untill: 27 November 2026 |                       |                                                                                        |                              |



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## QNG - Qualitätssiegel Nachhaltiges Gebäude

The Qualitätssiegel Nachhaltiges Gebäude (Quality Seal for Sustainable Buildings), developed by the German Federal Ministry for Housing, Urban Development and Building (BMWSB), defines requirements for the ecological, socio-cultural, and economic quality of buildings. The Sentinel Holding Institut evaluates construction products in accordance with QNG requirements for certification and awards the QNG ready label. Compliance with the QNG standard is a prerequisite for eligibility for the KfW funding programme. For certain product groups, the QNG currently has no specific requirements defined. Although classified as not assessment-relevant, these products remain suitable for QNG-certified projects.

| Criteria                                                                                                                                                                                                                       | Pos. / product group                                               | Considered substances                                                                                          | QNG assessment |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------|
| 3.1.3<br>Schadstoffvermeidung in<br>Baumaterialien                                                                                                                                                                             | 2.2 Resilient floor coverings<br>– including multilayer<br>systems | VOC / Emissions / hazardous<br>substances / polycyclic<br>aromatic hydrocarbons (PAH) /<br>SVHC / heavy metals | QNG ready      |
| <b>Verification:</b> Zertifikat eurofins Indoor Air Comfort Gold Nr. IACG-384-01-01-2020 vom 06.03.2020 (Emissionen) sowie Prüfberichte SGS Nr. CANMLC2116139601 vom 02.09.2021 und Nr. CANMLC2116349801 vom 06.09.2021 (SVHC) |                                                                    |                                                                                                                |                |



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## DGNB New Construction 2023

The DGNB System (German Sustainable Building Council) assesses the sustainability of various types of buildings. It can be applied to both large-scale private and commercial projects as well as smaller residential buildings. The 2023 version sets high standards for ecological, economic, socio-cultural, and functional aspects throughout the entire life cycle of a building.

| Criteria                                                                                                                                                                                                                        | No. / Relevant building components / construction materials / surfaces | Considered substances / aspects                                | Quality level   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------|-----------------|
| ENV 1.2 Local environmental impact, 03.05.2024 (3rd edition)                                                                                                                                                                    | 7 Floor coverings (Resilient floor coverings)                          | VVOCs, VOC, SVOC emissions and content of hazardous substances | Quality level 3 |
| <b>Verification:</b> Zertifikat eurofins Indoor Air Comfort Gold Nr. IACG-384-01-01-2020 vom 06.03.2020 (Emissionen) sowie Prüfberichte SGS Nr. CANMLC2116139601 vom 02.09.2021 und Nr. CANMLC2116349801 vom 06.09.2021 (SVHC). |                                                                        |                                                                |                 |

| Criteria                                                                                                                                                                                                                        | No. / Relevant building components / construction materials / surfaces | Considered substances / aspects                                | Quality level   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------|-----------------|
| ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)                                                                                                                                                                    | 7 Floor coverings for indoor use (elastic floor coverings)             | VVOCs, VOC, SVOC emissions and content of hazardous substances | Quality level 3 |
| <b>Verification:</b> Zertifikat eurofins Indoor Air Comfort Gold Nr. IACG-384-01-01-2020 vom 06.03.2020 (Emissionen) sowie Prüfberichte SGS Nr. CANMLC2116139601 vom 02.09.2021 und Nr. CANMLC2116349801 vom 06.09.2021 (SVHC). |                                                                        |                                                                |                 |



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## DGNB New Construction 2018

The DGNB System (German Sustainable Building Council) assesses the sustainability of various types of buildings. It can be applied to both large-scale private and commercial projects as well as smaller residential buildings.

| Criteria                           | No. / Relevant building components / construction materials / surfaces | Considered substances / aspects   | Quality level   |
|------------------------------------|------------------------------------------------------------------------|-----------------------------------|-----------------|
| ENV 1.2 Local environmental impact | 7 Floor coverings (Resilient floor coverings)                          | VOC / SVOC / hazardous substances | Quality level 4 |

**Verification:** Zertifikat eurofins Indoor Air Comfort Gold Nr. IACG-384-01-01-2020 vom 06.03.2020 (Emissionen) sowie Prüfberichte SGS Nr. CANMLC2116139601 vom 02.09.2021 und Nr. CANMLC2116349801 vom 06.09.2021 (SVHC).



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## **BNB-BN Neubau V2015**

The Bewertungssystem Nachhaltiges Bauen (Assessment System for Sustainable Building) is a tool for evaluating public office and administrative buildings, educational facilities, laboratory buildings, and outdoor areas in Germany. The BNB was developed by the former Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) and is now overseen by the Federal Ministry for Housing, Urban Development and Building (BMWSB).

| Criteria                                                                                                                                                                                                                       | Pos. / product type                                                               | Considered substance group                | Quality level   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|-----------------|
| 1.1.6 Risiken für die lokale Umwelt                                                                                                                                                                                            | 2a Elastic floor coverings – with and without bonded underlay or insulation layer | VOC / hazardous substances / heavy metals | Quality level 3 |
| <b>Verification:</b> Zertifikat eurofins Indoor Air Comfort Gold Nr. IACG-384-01-01-2020 vom 06.03.2020 (Emissionen) sowie Prüfberichte SGS Nr. CANMLC2116139601 vom 02.09.2021 und Nr. CANMLC2116349801 vom 06.09.2021 (SVHC) |                                                                                   |                                           |                 |



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## EU taxonomy

The EU Taxonomy classifies economic activities and products according to their environmental impact. At the product level, the EU regulation defines clear requirements for harmful substances, formaldehyde and volatile organic compounds (VOCs). The Sentinel Holding Institut GmbH labels qualified products that meet this standard.

| Criteria                                                                                                                                                                                                                       | Product type                                                  | Considered substances                                                           | Assessment            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------|
| DNSH - Pollution prevention and control                                                                                                                                                                                        | Floor coverings (including associated adhesives and sealants) | Substances according to Annex C, formaldehyde, carcinogenic VOCs category 1A/1B | EU taxonomy compliant |
| <b>Verification:</b> Zertifikat eurofins Indoor Air Comfort Gold Nr. IACG-384-01-01-2020 vom 06.03.2020 (Emissionen) sowie Prüfberichte SGS Nr. CANMLC2116139601 vom 02.09.2021 und Nr. CANMLC2116349801 vom 06.09.2021 (SVHC) |                                                               |                                                                                 |                       |





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## BREEAM DE Neubau 2018

BREEAM (Building Research Establishment Environmental Assessment Methodology) is a UK-based building assessment system that evaluates the sustainability of new constructions, refurbishments, and conversions. Developed by the Building Research Establishment (BRE), the system aims to assess and improve the environmental, economic, and social performance of buildings.

| Criteria                                                                                                                | Product category                                                                     | Considered substances                                | Quality level     |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------|-------------------|
| Hea 02 Indoor Air Quality                                                                                               | Flooring materials<br>(including floor levelling<br>compounds and resin<br>flooring) | Emissions: Formaldehyde,<br>TVOC, TSVOC, carcinogens | Exemplary quality |
| <b>Verification:</b> Zertifikat eurofins Indoor Air Comfort Gold Nr. IACG-384-01-01-2020 vom<br>06.03.2020 (Emissionen) |                                                                                      |                                                      |                   |



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## Product labels

In the construction industry, high-quality materials are crucial for a building's indoor air quality and sustainability. Product labels and certificates offer guidance to meet these requirements. However, the evaluation criteria of these labels vary, and it is important to carefully assess them to ensure products align with the specific needs of a construction project.



Eurofins Indoor Air Comfort® confirms compliance with requirements for low VOC emissions. The standard level covers all mandatory VOC regulations in the EU, while the Gold level additionally takes into account emission criteria from voluntary ecolabels and building certifications.



This product is SHI Indoor Air Quality certified and recommended by Sentinel Holding Institut. Indoor-air-focused construction, renovation, and operation of buildings is made possible by transparent and verifiable criteria thanks to the Sentinel Holding concept.



Products bearing the Sentinel Holding Institute QNG-ready seal are suitable for projects aiming to achieve the "Qualitätssiegel Nachhaltiges Gebäude" (Quality Seal for Sustainable Buildings). QNG-ready products meet the requirements of QNG Appendix Document 3.1.3, "Avoidance of Harmful Substances in Building Materials." The KfW loan program Climate-Friendly New Construction with QNG may allow for additional funding.

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## Legal notices

(\*) These criteria apply to the construction project as a whole. While individual products can positively contribute to the overall building score through proper planning, the evaluation is always conducted at the building level. The information was provided entirely by the manufacturer.

Find our criteria here: <https://www.sentinel-holding.eu/de/Themenwelten/Pr%C3%BCfverfahren/kriterien%20f%C3%BCr%20Produkte>

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## Publisher

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# Certificate

## Indoor Air Comfort Gold

LVT Click and Dryback

*Certified Product*

Huizhou Weikang New Building Materials CO., LTD.

*Applicant*

The product complies with Indoor Air Comfort Gold requirements for product type, version 6.0 (2017). These include both inspections of factory production according to DIN 18200 and VOC testing according to EN 16516 and the ISO 16000 series, each in the latest versions, by an ISO 17025 accredited laboratory, at regular interval.

Indoor Air Comfort Gold certification ensures that low product emission requirements are fulfilled and is a sign of the applicant's focus on quality and contribution to a healthy indoor environment.

Details are defined in Indoor Air Comfort Gold requirements, version 6.0 (2017).

Certificate No.: IACG-384-01-01-2020

Date: 06 March 2020

Validity of certificate: 06 March 2025, with frequent surveillance and retesting.

Compliance with Indoor Air Comfort Gold means compliance with VOC requirements on low emitting products of:

Belgium regulation, France VOC class A+, Germany (AgBB/ABG), BREEAM international, BREEAM NOR, BREEAM NL, LEED, WELL Building, SKA Rating, French HQE certification, Italian regulation on GPP (Green Public Procurement), DGNB, BVB (Sweden), Blue Angel, Austrian ecolabel criteria, M1, Danish Indoor Climate Label, Singapore Green Label, GreenTag Australia

Thomas Neuhaus

Head of Certification Body



Product Testing



**VIVA**floors

Naaldhout - Pine - Nadelholz **4000**

# Naaldhout - Pine - Nadelholz

## Specificaties - Specifications - Technische Daten

| NL                                   | EN                                      | DU                                 |                       | Lijmversie<br>Glue down<br>Kleber           | Clickversie<br>Click<br>Klick                                                                    |
|--------------------------------------|-----------------------------------------|------------------------------------|-----------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------|
| Speificaties                         | Specifications                          | Technische Daten                   |                       |                                             |                                                                                                  |
| Totale dikte                         | Total Thickness                         | Gesamtstärke                       | EN 428                | 2,5 mm                                      | 6,5 mm<br><i>Inclusief ondervloer</i><br><i>Subfloor included</i><br><i>Inklusive Uterlage</i>   |
| Dikte van de slijtlaag               | Wear layer                              | Nutzschicht                        | EN 429                | 0,55 mm                                     | 0,55 mm                                                                                          |
| Dikte geluiddempende IXPE ondervloer | Thickness soundinsulating IXPE underlay | Stärke trittschall IXPE untergrund | -                     | -                                           | 1 mm                                                                                             |
| Totaal gewicht                       | Total Weight                            | Total Gewicht                      | EN 430                | 4,53 kg/m <sup>2</sup>                      | 9,15 kg/m <sup>2</sup>                                                                           |
| Toplaag                              | Surface treatment                       | Oberflächenvergütung               | Embossed              | PUR                                         | PUR                                                                                              |
| Afmeting                             | Dimension                               | Abmessung                          | EN 24342              | 142,2 x 22,9 cm                             | 142 x 22,5 cm                                                                                    |
| Gebruikscategorie                    | Usage classification                    | Klassifizierung                    | EN 685                | 23, 33, 42                                  | 23, 33, 42                                                                                       |
| Clickverbinding                      | Locking System                          | Klickverbindung                    |                       |                                             | 2G-2G Vålinge                                                                                    |
| Testresultaten                       | Test Results                            | Testergebnisse                     |                       |                                             |                                                                                                  |
| Vloerverwarming                      | Underfloor heating                      | Fussbodenheizung                   | EN 12524              | Suitable<br>Max 27 °C                       | Suitable<br>Max 27 °C                                                                            |
| Warmte doorlaat weerstand            | Thermal resistance                      | Wärmedurchlasswiderstand           | EN 12667              | 0,015 m <sup>2</sup> K/W                    | 0,052 m <sup>2</sup> K/W                                                                         |
| Rolstoeltest                         | Castor Chair                            | Rollstuhl                          | EN 425                | Pass                                        | Pass                                                                                             |
| Brandklasse                          | Fire resistance                         | Brandverhalten                     | EN 13501-1            | Bfl-s1                                      | Bfl-s1                                                                                           |
| Weerstand chemische stoffen          | Chemical resistance                     | Chemikalienbeständigkeit           | EN 423                | Good                                        | Good                                                                                             |
| Restindruk                           | Residual indentation                    | Eindruckverhalten                  | EN ISO 24343-1        | ≤ 0,10 mm                                   | ≤ 0,15 mm                                                                                        |
| Sliptest                             | Slip resistance                         | Rutschhemmung                      | EN 13893              | R9                                          | R9                                                                                               |
| Krasvastheid                         | Abrasion class                          | Verschleißgruppe                   | EN 660-2              | T                                           | T                                                                                                |
| Geluidsabsorptie                     | Sound reduction                         | Reduzierung des Trittschalls       | EN 717-2<br>ISO 10140 | 4 dB                                        | 19 dB EU-norm<br>5 dB NL-norm<br><i>(incl Secura LVT Click Smart ISO 10140 Delta Lin 10 dB.)</i> |
| Lichtechtheid                        | Lightfastness                           | Lichtechtheit                      | ISO 105-B02           | Pass ≥ 6                                    | Pass ≥ 6                                                                                         |
| Dimensionale stabiliteit             | Dimensional stability                   | Massänderung                       | EN 23999              | < 0,25%                                     | < 0,25%                                                                                          |
| Afmeting                             | Dimension                               | Verlegemass                        | EN427                 | Pass                                        | Pass                                                                                             |
| Toxiciteit                           | Toxic elements test                     | Toxizität                          | EN 71                 | Not toxic                                   | Not toxic                                                                                        |
| Garantie                             | Warranty                                | Garantie                           |                       | Residential 25 years<br>Commercial 10 years | Residential 25 years<br>Commercial 10 years                                                      |

First edition 2023 - Specifications are subject to change.



IAC Gold gecertificeerd  
IAC Gold certified  
IAC Gold zertifiziert