



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

12050-10-1023

Multipor Hanf-Filz-Dämmstreifen

Product group: Sealing and decoupling membrane - Dämmung - Felt



Xella Deutschland GmbH
Düsseldorfer Landstraße 395
47259 Duisburg



Product qualities:



Köttner

Helmut Köttner
Scientific Director
Freiburg, 27 November 2025



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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	Insulation materials	TVOC $\leq 300 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 24 \mu\text{g}/\text{m}^3$	Indoor Air Quality Certified
Valid untill: 30 May 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 Schadstoffvermeidung in Baumaterialien	not applicable	not applicable	QNG ready - Not relevant for assessment



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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)			Not relevant for assessment

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)			Not relevant for assessment



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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			Not relevant for assessment



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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			Not relevant for assessment



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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		Substances according to Annex C	EU taxonomy compliant

Verification: Herstellererklärung vom 13.11.2025



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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			Not relevant for assessment



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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.



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/C3%BCr%20Produkte>

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Multipor Hanf-Filz Dämmstreifen

Der Multipor Hanf-Filz Dämmstreifen besteht aus 100% Hanffasern ohne Bindemittel. Er ist zur optimalen Schall- und elastischen Entkopplung der Multipor Mineraldämmplatte beim Ausführen einer Innendämmung gegen einbindende Bauteile (Decken, Fußböden oder Innenwände) besonders gut geeignet.

Technische Daten	Beschreibung
Rohdichte	155 - 210 kg/m ³
Wärmeleitfähigkeit	$\lambda_{10,dry} = 0,047 \text{ W/(mK)}$
Wasserdampfdiffusionswiderstandszahl	$\mu = 1 \text{ bis } 2$
Baustoffklasse	E, gemäß DIN EN 13501-1
Spezifische Wärmekapazität	$c = 2.300 \text{ J/(kgK)}$
Rollenabmessungen L x B x H	25 m x 50 mm x 5 mm 25 m x 100 mm x 5 mm

Xella Deutschland GmbH

Xella Kundeninformation

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Multipor is a registered trademark of the Xella Group.

multipor

Stand: 13.11.2025

Herstellererklärung bzgl. REACH / CLP für Multipor Hanf-Filz-Dämmstreifen in den Breiten 5 mm und 10 mm

Hiermit bestätigen wir, dass das oben genannte Produkt kein gefährlicher Stoff oder Gemisch im Sinne der Verordnung (EG) Nr. 1272/2008 (CLP) und somit nicht kennzeichnungspflichtig ist.

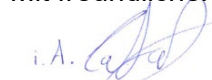
Es handelt sich bei diesem Produkt um ein Erzeugnis im Sinne der REACH-Verordnung (EG) Nr. 1907/2006, für das kein Sicherheitsdatenblatt erforderlich ist.

Nach aktuellem Kenntnisstand enthält das Produkt keine besonders besorgniserregenden Stoffe (SVHC) gemäß der jeweils gültigen Kandidatenliste der ECHA in Konzentrationen über 0,1 Massenprozent (w/w).

Ebenso enthält das Produkt keine Stoffe, die als krebserzeugend, mutagen oder reproduktionstoxisch (CMR) der Kategorien 1A oder 1B gemäß Verordnung (EG) Nr. 1272/2008 eingestuft sind.

Diese Erklärung basiert auf dem derzeitigen Stand unserer Kenntnisse gemäß der Untersuchungsberichte des Bremer Umweltinstituts (Prüfberichtsnummer: M 1733 FM) sowie des Fraunhofer WKI (Untersuchungsbericht Nr. MAIC-2024-0113) zur Überprüfung der Produkte und den uns vorliegenden Informationen des Produzenten/Lieferanten. Sie entbindet den Anwender nicht von der Verantwortung, die geltenden Gesetze und Vorschriften im eigenen Verantwortungsbereich zu beachten.

Mit freundlichen Grüßen



Ademir Catovic
Leiter Produktmanagement



Rafael Sander
Produktmanager Multipor

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