SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

2238-10-1001

MOOS MIX

Product group: Wallpaper

ORGANOID®
NATURAL SURFACES

ORGANOID GmbH
Nesselgarten 422
A-6500 Fließ

Product qualities:

- **SHI** Product Assessment 2024 ✓
- **QNG** Qualitätssiegel Nachhaltiges Gebäude ✓
- **DGNB** NEW CONSTRUCTION 2023.2 ✓
- **DGNB** NEW CONSTRUCTION 2023 ✓
- **DGNB** NEW CONSTRUCTION 2018 ✓
- **BNB-BN NEUBAU V2015** ✓
- **EU TAXONOMY** ✓
- **BREEAM DE NEUBAU 2018** ✓
- **LEED** v4.1 (outside US) ✓

CERTIFIED SUSTAINABLE PRODUCT
SHI PRODUCT PASSPORT
SENTINEL HOLDING INSTITUT
www.sentinel-holding.eu

Köttner

Helmut Köttner
Scientific Director
Freiburg, 18 August 2026

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Product:
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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

SGS

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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	Assessment
SHI Product Assessment		Indoor Air Quality Certified
Valid untill: 26 February 2027		

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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			QNG ready - Not relevant for assessment

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DGNB New Construction 2023.2

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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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	Assessment
ENV1.1 Climate action and energy (*)	May positively contribute to the overall building score
Verification: EPD in Ausarbeitung	

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 applicable		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	Sonstige	Stoffe nach Anlage C	compliant
Verification: 'Herstellererklärung vom 25.02.2025 10.03.2026 / Herstellererklärung aktualisiert / AO			

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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	Ceiling, wall, and acoustic and thermal insulation materials	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality
Verification: Herstellererklärung vom 25.02.2025			

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LEED v4.1

LEED (Leadership in Energy and Environmental Design) is an internationally recognised building certification system developed by the U.S. Green Building Council. It is one of the most widely used sustainability standards for buildings worldwide and is particularly applied in internationally oriented projects. LEED assesses buildings holistically across categories such as energy efficiency, resource conservation, material selection, indoor environmental quality and site sustainability. Depending on the number of points achieved, projects are awarded one of the certification levels: LEED Certified, Silver, Gold or Platinum.

Criteria	Product category	Considered substances	Assessment
EQ Credit: Low-Emitting Materials	Wand- und Deckenelemente	Emissionen: Formaldehyd, VOC, Krebserregende Stoffe	compliant
Verification: Herstellererklärung vom 25.02.2025			

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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%BCfkriterien%20f%C3%BCr%20Produkte

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SGS

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MOOS MIX

Artikel Nr. MOSMIX0085FVPRW

Den Wald im Innenraum erleben

... das ermöglicht diese saftig grüne Oberfläche aus echtem Moos. Für einen Wald-Effekt wurde hell- und dunkelgrünes Moos gemischt. Die feuchteregulierenden Eigenschaften des Mooses sorgen in deiner Raumgestaltung für ein Gefühl der Frische. Das Raumklima wird positiv beeinflusst und das Wohlbefinden gesteigert.

- die feuchteregulierenden Eigenschaften des Mooses wirken positiv auf das Raumklima ein
- Oberflächen im Biophilic Design steigern das Wohlbefinden und reduzieren Stress
- die Mischung aus Grüntönen sorgt für einen natürlichen Effekt

Hell- und dunkelgrünes Moos aus Upcycling in vollflächiger Auftragsstärke premium auf natürlichem Flachsvlies. Nicht selbstklebend und selbstklebend erhältlich.

Eigenschaften

Rohmaterial	Farbenprächtiger Mix aus hell- und dunkelgrünem Moos
Duft	●○○
Lichtechtheit	●●○
Abriebfestigkeit	●●●
Farbe	●●●

Technische Details

Trägermaterial	Flachsvlies
Format	Rollenware, Breite: 1.360 mm
MOQ	1 m^2 (ca. 0,74 lm)
Gewicht	600 g/m^2
Stärke	0,8 mm
Flexibilität	Biegeradien bis 0,5 mm
Transluzenz	blickdicht

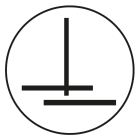
Materialdetails

Wandklebetechnik

Nicht die Tapetenrückseite, sondern der Untergrund wird mit Kleister eingestrichen. Bitte beachte unsere Kleberempfehlungen.

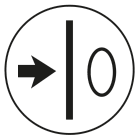
Überlappung und Doppelnahtschnitt

Jede neue Bahn überlappt die vorherige um 2 cm. Kantentoleranz ist zu beachten.



Ansatzfrei

Durch die Streuoptik ist kein Rapport beim Kleben zu beachten.



Atmungsaktiv

Der natürliche Flachsvliesträger ist atmungsaktiv, ungebleicht, ökologisch und klimaregulierend.

Verarbeitung

Tapete

Verarbeitungshinweise für Organoid Naturoberflächen auf Flachsvlies als Wandtapete:

- Wandklebetechnik
- Beachte die Organoid Kleberempfehlungen
- Doppelnahtschnitt mit 2 cm Überlappung, Kantentoleranz 1-2 mm
- Zuschnitt mit Schere, Cutter oder Plotter
- Vorversuche empfohlen
- Bei den Tapeten ist die Wirkung nach der Verarbeitung von drei Bahnen zu überprüfen. Ansprüche, die über den Ersatz von fehlerhafter Ware hinausgehen, werden nicht anerkannt.

Zur Verarbeitung

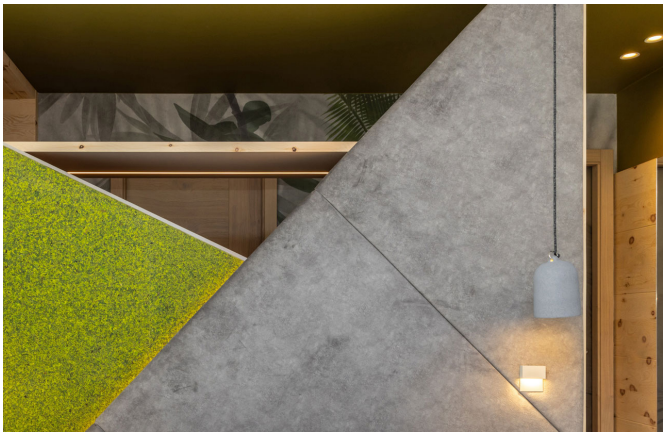
Holzverarbeitung

Verarbeitungshinweise für Organoid Naturoberflächen auf Flachsvlies im Holzverbund:

- Verarbeitung mit dem gewohnten Maschinenpark eines Tischlers
- Naturoberfläche beim Pressen mit Trennpapier abdecken
- Presstemperatur max. 60°C
- Kantentoleranz 1-2 mm
- Bei sensiblen Anwendungen auf Anfrage mitgelieferten Gegenzug verwenden
- Zuschnitt mit Schere, Cutter oder Plotter
- Vorversuche empfohlen

Zur Verarbeitung

Inspiration



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