SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

2318-10-1055

FRANKEN SYSTEMS Vlies

Product group: Sealants - Construction chemicals - Coatings

FRANKEN SYSTEMS GmbH
Südstraße 3
97258 Gollhofen

Product qualities:

- QNG Qualitätssiegel Nachhaltiges Gebäude ✓
- 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, 02 April 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

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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

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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 applicable		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 applicable	not applicable	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			EU taxonomy compliant
Verification: Sicherheitsdatenblatt vom Juli 2022			

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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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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	Assessment
EQ Credit: Low-Emitting Materials		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.



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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Technisches Merkblatt

Vlies

Vlies 110 g/m²

Einsatzgebiete

Vlies ist ein hochwertiges Polyestervlies als Schichtstärken-kontrolle und zur Armierung von FRANKEN SYSTEMS Abdichtungsprodukten mit Vlieseinlage

Merkmale

- gebrauchsfertig

Eigenschaften

- Flächengewicht: ca. 110 g/m² ± 10 g/m²
- Farbton: weiß
- QNG-Ready zertifiziert

Verbrauch

1 m²/m²
Vliesüberlappungen sind zu berücksichtigen

Lieferform

- Rolle 30 cm x 20 m
- Rolle 50 cm x 20 m
- Rolle 10 cm x 60 m
- Rolle 15 cm x 60 m
- Rolle 20 cm x 60 m
- Rolle 25 cm x 60 m
- Rolle 30 cm x 60 m
- Rolle 35 cm x 60 m
- Rolle 42,5 cm x 60 m
- Rolle 50 cm x 60 m
- Rolle 75 cm x 60 m
- Rolle 100 cm x 60 m

Lagerung

Vor Feuchtigkeit geschützt, stehend und knickfrei lagern.

Verarbeitung

Anwendung
Das mit der Schere zugeschnittene Vlies wird in die noch frische Abdichtung falten- und hohlraumfrei eingearbeitet.
Mehrfachüberlappungsbereiche sind in den einzelnen Lagen mit der Abdichtung ausreichend zu tränken. Die Überlappungs-bereiche von anschließenden Vlieslagen sind mit einer Mindestbreite von 5 cm auszuführen.

Werkzeuge und Hilfsmittel



Allgemeine Hinweise

Es dürfen keine anderen Materialien, als die von FRANKEN SYSTEMS GmbH angegeben, verwendet werden.



Polyestervlies

Sonstiges

Die vorstehenden Informationen und unsere anwendungs-technische Beratung in Wort, Schrift sowie durch Versuche erfolgen nach bestem Wissen. Sie gelten jedoch nur als unverbindliche Hinweise, auch in Bezug auf etwaige Schutzrechte Dritter. Die Beratung befreit Sie nicht von einer eigenen Prüfung unserer aktuellen Beratungshinweise - insbesondere unserer Sicherheitsdatenblätter und technischen Informationen - und unserer Produkte im Hinblick auf ihre Eignung für die beabsichtigten Verfahren und Zwecke. Anwendung, Verwendung und Verarbeitung unserer Produkte und der aufgrund unserer anwendungstechnischen Beratung von Ihnen gewählte Einsatzzweck liegen außerhalb unserer Kontrollmöglichkeiten und sind daher ausschließlich in Ihrem Verantwortungsbereich. Der Verkauf unserer Produkte erfolgt nach Maßgabe unserer jeweils aktuellen Allgemeinen Verkaufs- und Lieferbedingungen. Auf den Produktetiketten befindliche Warnhinweise sind zu berücksichtigen. Es sind die jeweils gültigen Unterlagen in ihrer neuesten Ausgabe zu verwenden.
Bitte prüfen Sie die Aktualität der verwendeten Unterlagen und / oder fordern Sie vor jeder Anwendung ein aktuelles Dokument an.

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