



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

2765-10-1040

Dichtstoffe - Bitumen

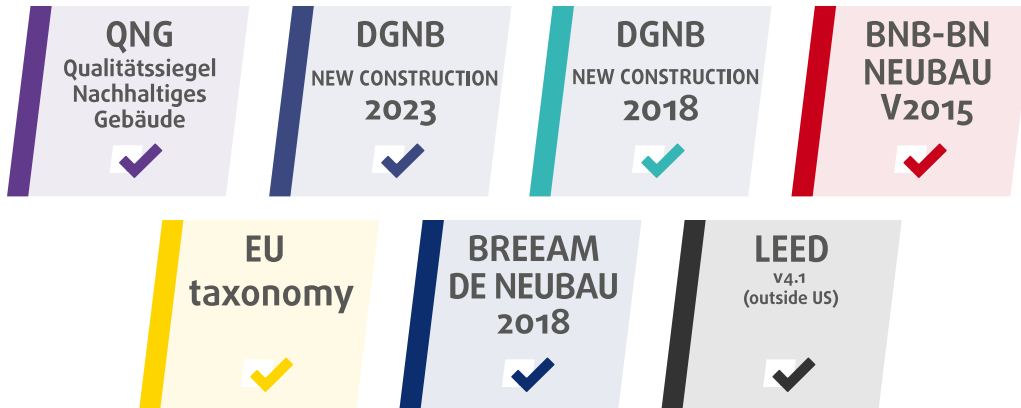
Product group: Construction chemicals - Bitumen - Sealants



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Product qualities:










Köttner

Helmut Köttner
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Freiburg, 26 March 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	10.1 Cold-applied bitumen primers and thick bitumen coatings	VOC / hazardous substances	QNG ready
Verification: GISCODE-Angabe durch Hersteller			



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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)	25 Roof waterproofing	Bitumen	Quality level 2
Verification: GISCODE-Angabe durch Hersteller			

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	25 Roof waterproofing	Bitumen	Quality level 2
Verification: GISCODE-Angabe durch Hersteller			



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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	25 Roof sealing, sealing of buildings against soil/water/moisture	Bitumen	Quality level 2
Verification: GISCODE-Angabe durch Hersteller			



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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	21 Cold-applied bitumen coatings, including primers, adhesives, and sealants (excluding bitumen primers for inverted roofs, see Position 22)	VOC / hazardous substances	Quality level 3
Verification: GISCODE-Angabe durch Hersteller			



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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: Sicherheitsdatenblatt vom 03.02.2025 (Druckdatum)			



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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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fischer 

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%BCfverfahren/C3%BCr%20Produkte>

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Roof BI (Dachdichtstoff DD)

Merkmal	Wert	Einheit	Prüfvorschrift / Bemerkung
	System		
Chemische Basis	Bitumenelastomer		
Konsistenz	pastös		
Aushärtung	physikalisch		
Dichte	1,19	g/ml	
Hautbildungszeit	30	min	23 °C; 50 % Luftfeuchte
Durchhärtungszeit	1 - 2	mm/d	23 °C; 50 % Luftfeuchte
Maximal zul. Gesamtverformung	5	%	
Standvermögen	< 2	mm	
Verarbeitungstemperatur	+ 5 bis + 45	°C	
Temperaturbeständigkeit	- 20 bis + 80	°C	nach Durchhärtung
Lagerbeständigkeit	12	Monate	+5°C bis +25°C

Anwendungshinweise

Die Flächen in Kontakt mit der Dichtungsmasse müssen sauber, frei von Staub und Schmutz, Rost o. ä. sein, dürfen aber feucht sein. Eine Vorbehandlung ist nicht erforderlich. Es ist ratsam auf jedem Untergrund zuerst einen Hafttest durchzuführen.

fischer Roof BI darf nicht im Kontakt mit Naturstein oder Marmor eingesetzt werden, da die Gefahr der Randzonenverschmutzung besteht. Unter anderem nicht für Anwendungen im Unterwasserbereich sowie für Aquarien, PP, PE und Teflon geeignet. Nicht in Bereichen mit direktem Kontakt zu Lebensmitteln anwenden.

Produkteigenschaften

fischer Roof BI ein plastischer Dichtstoff auf Bitumenbasis zum Abdichten und Verkleben verschiedener Materialien, z.B. Bitumen, Zinkblech, Kupferblech, Edelstahl, Beton, Mauer- und Ziegelwerk, Aluminium sowie viele Kunststoffe.

fischer Roof BI ist sehr gut geeignet für das Abdichten von Alu-Klemmleisten und Dachleisten, von Rissen und Anschlüssen an Dachbahnen, Antennendurchführungen und Lichtkuppeln. Des Weiteren kann fischer Roof BI für die Verklebung und Abdichtung von bituminösen Dachfolien, Abdichtung von Dachdurchbrüchen, Befestigung von bituminösen Schindeln und Verklebung von Dämmstoffen (auch Polystyrol) verwendet werden.

fischer Roof BI ist spachtelbar, plastisch verformbar und sofort regenfest und zeichnet sich durch eine gute UV-, Witterungs- und Alterungsbeständigkeit aus.

Weitere Informationen zum Umgang entnehmen Sie bitte dem Sicherheitsdatenblatt; dieses enthält wichtige Hinweise.

Die Anwendungshinweise in diesem technischen Datenblatt sowie unsere anwendungstechnische Beratung in Wort und Schrift erfolgen nach bestem Wissen, beinhalten aber weder Zusagen an die Beschaffenheit oder Verwendbarkeit der Produkte noch selbständige oder unselbständige Garantiezusagen jeglicher Art.

Wir empfehlen vor Verwendung unserer Produkte stets die Eignung für den vorgesehenen Verwendungszweck konkret zu prüfen.

Aufgrund der Vielfalt der Anwendungsmöglichkeiten des einzelnen Produkts und den nicht einschätzbaren Gegebenheiten am Ort der Verarbeitung empfehlen wir darüber hinaus vor Verwendung die Funktion auf den Substraten vor Verwendung zu erproben.