SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

15075-10-1025

FireSafe W1 Black

Product group: Roof membranes - Facade membrane

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Damit Macher machen können.

MAGE Roof & Building Components GmbH
An den Steinenden 7
04916 Herzberg/Elster

Product qualities:

- 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, 26 August 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

SGS

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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	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 20.05.2025			

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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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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			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 TÜV SAAR

Publisher

Sentinel Holding Institut GmbH
Bötzinger Str. 38
79111 Freiburg im Breisgau
Germany
Tel.: +49 761 590 481-70
info@sentinel-holding.eu
www.sentinel-holding.eu

FireSafe W1 Black und Zubehör

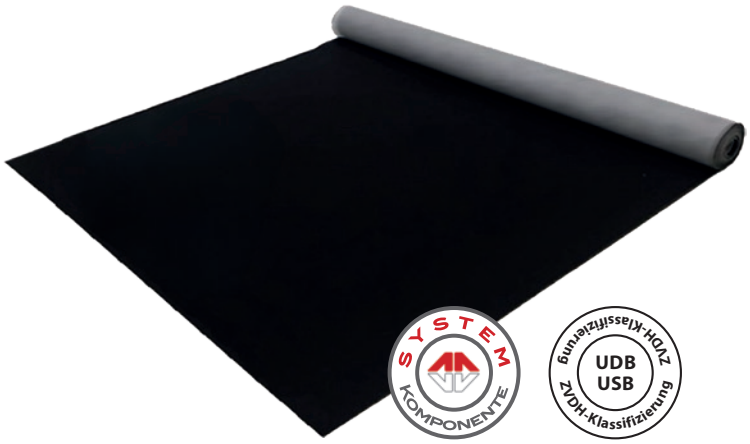
Nicht brennbare Dach- und Fassadenbahn

creating value for buildings

Vorteile und Nutzen

- Nicht brennbar (A2-s1, d0)
- Wasserdicht W1
- Hochdiffusionsoffen, s_d-Wert < 0,06 m
- Wind-, wasser- und schlagregendicht
- Verlegesicher und leichte Handhabung
- Besteht aus durchgängigem Glasfasergewebe, schwarz beschichtet und hat eine ausgezeichnete Haltbarkeit

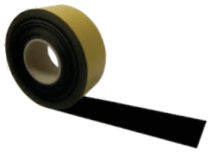
- **Nach EPD zertifiziert**



Verarbeitung

- Dach- und Fassadenbahn
- Für Neubau und Sanierung
- Die Membran ist vor mechanischer Beschädigung zu schützen
- Für Fassaden > 50 % Fugenanteil geeignet
- Das gelieferte Produkt ist gemäß den Fachregeln des DDH sowie den geltenden Normen und Richtlinien zu verlegen.

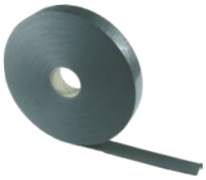
Zubehör



AirTex® UV-Tape 230
60 mm × 25 m/Rolle



AirTex® A2 DSK
50 mm × 50 m/Rolle



AirTex® Nageldichtband
50 mm × 30 m/Rolle
60 mm × 30 m/Rolle



MAGE® AirTack WCS-K



AirTex® DM



MAGE® AirTack WCS-S

MAGE Roof & Building Components GmbH
An den Steinenden 7 • 04916 Herzberg (Elster) • Tel.: +49 3535 4007-0 • Fax: +49 3535 4007-32
info@mage-roof.com • www.mage-roof.com

FireSafe W1 Black und Zubehör

Nicht brennbare Dach- und Fassadenbahn

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Technische Daten

Allgemeine Daten					Harmonisierte technische Spezifikation
Typ		Dach- und Fassadenbahn			EN 13859-1/2:2010
Produktaufbau		durchgängiges Glasfasergewebe, schwarz beschichtet			
Dicke		0,20 mm			EN 1849-2
Länge		50 m			EN 1848-2
Breite		1,40 m			EN 1848-2
Deckfläche		65 m² (10 cm Überdeckung erforderlich)			
Flächengewicht		220 g/m²			EN 1849-2
Wasserdichte		W1			EN 1928
Farbe		schwarz			
Freibewitterung bei Behelfsdeckung mit geeigneter und freigegebener Klebetechnik		12 Wochen			
Weitere wesentliche Merkmale		**Einheit**	**Nominalwert**	**Toleranz**	**Harmonisierte technische Spezifikation**
Brandverhalten		[Klasse]	A2-s1, d0	–	EN 13501-1
Widerstand gegen Wasserdurchgang		[Klasse]	W1	–	EN 1928
Widerstand gegen Wasserdurchgang nach künstlicher Alterung		[Klasse]	W1	–	EN 1928
Wasserdampfdurchlässigkeit (s_d-Wert)		[m]	0,06	–	EN 12572
Zugfestigkeit	**längs**	[N/50 mm]	2.931	–800 bis +800	EN 12572
	quer		2.157	–800 bis +800	
Zugfestigkeit nach künstlicher Alterung	**längs**	[N/50 mm]	2.160	–800 bis +800	EN 12572
	quer		1.890	–800 bis +800	
Dehnung	**längs**	[%]	4,4	–2 bis +2	EN 12311-1
	quer		3,2	–2 bis +2	
Dehnung nach künstlicher Alterung	**längs**	[%]	4,4	–2 bis +2	EN 12311-1
	quer		3,2	–2 bis +2	
Widerstand gegen Weiterreißen	**längs**	[N]	162	–10 bis +10	EN 12310-1
	quer		162	–10 bis +10	
Kaltbiegeverhalten		[°C]	–40	–	EN 1109
Gefährliche Substanzen			npd		

Notiz: npd – no performance determined (es ist kein Wert definiert)

MAGE® Roof & Building Components GmbH
An den Steinenden 7 | D-04916 Herzberg (Elster)

HERSTELLERERKLÄRUNG zur EU-TAXONOMIE VERORDNUNG

Zur Bestätigung der Konformität gemäß Anlage C zur Vermeidung und Verminderung der Umweltverschmutzung gemäß der Delegierten Verordnung (EU) 2023/2486 der Kommission vom 27. Juni 2023.

Hiermit bestätigen wir:

MAGE Roof Building Components GmbH
An den Steinenden 7
04916 Herzberg / Elster

für die folgenden Produkte:

- Air Tex MAGE-MB
- FireSafe W1 Black
- AirTex Safety ND DSK
- FireSafe SkyTherm
- FiRo Light
- Flex-Alu (glatt / plissiert / F2)
- Flex Polyform
- Lüftungsprofile Alu
- Rinneneinlauf Alu
- Traufenlüftungskamm Alu
- VarioFit
- Vario Vent
- Alu Rolle Microschnitt

Das Produkt/ Erzeugnis/ mindestens ein Teilerzeugnis enthält Stoffe der Kandidatenliste (Version zum Ausstellungsdatum) oberhalb 0,1 Massen%:	**nein**
Das Produkt/Erzeugnis/mindestens ein Teilerzeugnis enthält weitere CMR-Stoffe der Kategorie 1A oder 1B, die nicht auf der Kandidatenliste stehen, oberhalb von 0,1 Massen-% in mindestens einem Teilerzeugnis:	**nein**

Ihr Ansprechpartner bei Rückfragen:
Telefonnummer:
E-Mail-Adresse:

Ralf Neukirch (QHSE-Manager)
+49 (0) 35 35 / 40 07-716
ralf.neukirch@mage-roof.com

Herzberg, 01.12.2025

MAGE® ROOF & BUILDING COMPONENTS GmbH
An den Steinenden 7 Tel. 03535/4007- 0
D – 04916 Herzberg/E. Fax 03535/4007-17