



# SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

**2765-10-1035**

## Dichtstoffe - Hybride

Product group: Construction chemicals - Sealants - Hybrid



fischerwerke GmbH & Co. KG  
Klaus-Fischer-Straße 1  
72178 Waldachtal



### Product qualities:



*Köttner*

Helmut Köttner  
Scientific Director

Freiburg, 20 February 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





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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	4.2 On-site applied adhesives and sealants based on PU	VOC / Emissions / hazardous substances / chlorinated paraffins / polybrominated biphenyls (PBB) / polybrominated diphenyl ethers (PBDE) / SVHC	QNG ready
<b>Verification:</b> Herstellererklärung vom 15.10.2025. EMICODE EC1+-Zertifikat vom 13.04.2023			



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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)	11 Indoor bonding and waterproofing.	VVOCs, VOCs, SVOC emissions and content of hazardous substances	Quality level 4
<b>Verification:</b> EMICODE EC1+-Zertifikat vom 13.04.2023			

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	11 Indoor bonding and waterproofing	VVOCs, VOCs, SVOC emissions and content of hazardous substances	Quality level 4
<b>Verification:</b> EMICODE EC1+-Zertifikat vom 13.04.2023			



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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	12 Adhesive bonds on small joints under mechanical stress	Chlorinated paraffins, solvents, HC	Quality level 4
<b>Verification:</b> Herstellererklärung vom 15.10.2025, EMICODE EC1+-Zertifikat vom 13.04.2023			



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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	8 Adhesives and sealants made of PU, SMP (silan-modified polymers), acrylic (including dispersion adhesives), or silicone	VOC / hazardous substances / biocides	Quality level 5

**Verification:** Herstellererklärung vom 15.10.2025. EMICODE EC1+-Zertifikat vom 13.04.2023



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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
<b>Verification:</b> Sicherheitsdatenblatt vom 25.10.2024 (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	Interior adhesives and sealants (including flooring adhesives)	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality
<b>Verification:</b> EMICODE EC1+-Zertifikat vom 13.04.2023			



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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.



The EMICODE® label, awarded by the German manufacturers' association "GEV – Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e. V.", is primarily relevant for flooring installation materials. The EMICODE® EC1<sup>PLUS</sup> label, as the premium class, sets significantly stricter emission limits than the other label variants.



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.

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Find our criteria here: <https://www.sentinel-holding.eu/de/Themenwelten/Pr%C3%BCfverfahren/C3%BCf-kriterien%20f%C3%BCr%20Produkte>

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Waldachtal, 15. Oktober 2025

**Bestätigung fischer Hybrid und PU Dicht-/Klebstoffe**

Hiermit bestätigen wir, dass die unten genannten Hybrid und PU Dicht-/ Klebstoffe dem Anforderungskatalog des Qualitätssiegels Nachhaltiges Gebäude (QNG) entsprechen. Der Gehalt der Produkte an Chlorparaffinen, TCEP, PBB und PBDE liegt unter 0,1%.

503317	CRYSTAL MS 290ml (DE/FR/EN)
59389	Multi MS white 290ml (DE/FR/EN)
503318	Multi MS grey 290ml (DE/FR/EN)
503319	Multi MS black 290ml (DE/FR/EN)
541712	High Tack MS white 290ml (DE/FR/EN)
558829	Express MS white 290ml (DE/CZ/EN)
558830	FLEX MS weiß 290ml (DE/EN)
558831	FLEX MS grau 290ml (DE/EN)
575347	Trockenbau MS 290ml (DE)
541712	High Tack MS white 290ml (DE/FR/EN)

Diese Stellungnahme bezieht sich auf den Stand der Gesetze zum Zeitpunkt der Ausstellung und läuft im Falle von gesetzlichen Änderungen ab.

**Firmendaten**

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Freundliche Grüße

fischerwerke GmbH & Co. KG

EIN UNTERNEHMEN DER UNTERNEHMENSGRUPPE FISCHER

Zentrale Funktionen – Produktkonformität



Timo Kosanke



Viktor Lichtl

**Awarding of licence for the use of EMICODE**

Licence Number: 16608/25.04.13  
For the product fischer Flex MS  
Due to application date 08.04.2023

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse.  
The company is ordinary member of the GEV.

**OM094 13.04.2023**  
valid until 13.04.2028

The Secretary General  
Association for the Control of Emissions in Products  
for Flooring Installation, Adhesives and Building Materials (GEV)  
Völklinger Straße 4 · D-40219 Düsseldorf

## Requirement guidelines for the awarding of the EMICODE licence

The product mentioned on the front side of the licence has to fulfil among others the following criteria in accordance with the Constitution and the guidelines of the Technical Advisory Board of the GEV:

- The product meets all the legal requirements, especially the chemical laws and their specifications.
- The product is solvent free as specified in clause 2.4 of the “GEV Classification Criteria”, except if it is a surface treatment product. If the product is assigned to a GISCODE product group then this can be labelled.
- A safety data sheet (SDS) according to local law in its respectively valid version is issued for the product.
- Carcinogenic, mutagenic, reprotoxic substances of the categories 1A or 1B are not added during the manufacture of the product.
- The testing of the product is performed in accordance with the GEV Testing Method. VOC determination is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The assignment of an EMICODE class is performed according to the following criteria and TVOC/TSVOC concentration levels. The corresponding EMICODE class shall be used to label the product:

### 1) Installation products, adhesives and construction products

Parameter	EC 1 <sup>PLUS</sup>	EC 1	EC 2
	max. allowed concentration [ $\mu\text{g}/\text{m}^3$ ]		
TVOC after 3 days	$\leq 750$	$\leq 1000$	$\leq 3000$
TVOC after 28 days	$\leq 60$	$\leq 100$	$\leq 300$
TSVOC after 28 days	$\leq 40$	$\leq 50$	$\leq 100$
R value based on German AgBB LCI (NIK) after 28 days	1	-	-
Sum of non-assessable VOC	$\leq 40$	-	-
Formaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Acetaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Sum of form- and acetaldehyde	$\leq 0.05$ ppm	$\leq 0.05$ ppm	$\leq 0.05$ ppm
Sum of volatile C1A/C1B after 3 days	$\leq 10$	$\leq 10$	$\leq 10$
Any volatile C1A/C1B after 28 days	$\leq 1$	$\leq 1$	$\leq 1$

### 2) Products for floor surface treatments for parquet, mineral floors and resilient floorings

Parameter	EC 1 <sup>PLUS</sup>	EC 1	EC 2
	max. allowed concentration [ $\mu\text{g}/\text{m}^3$ ]		
Sum TVOC + TSVOC after 28 days	$\leq 100$ thereof max. 40 SVOC	$\leq 150$ thereof max. 50 SVOC	$\leq 450$ thereof max. 100 SVOC
Formaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Acetaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Any volatile C1A/C1B after 3 days	$\leq 10$	$\leq 10$	$\leq 10$
Any volatile C1A/C1B after 28 days	$\leq 1$	$\leq 1$	$\leq 1$