



# SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

**15533-10-1001**

## SPC Wandpaneele

Product group: Vinyl - Floor coverings / Wall coverings



GT Flooring GmbH  
Eichenstraße 12  
82152 Krailing



### Product qualities:











*Köttner*

Helmut Köttner  
Scientific Director  
Freiburg, 15 June 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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## 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	Harmful substance limit	Assessment
SHI Product Assessment	Other products	TVOC $\leq 300 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 24 \mu\text{g}/\text{m}^3$	Indoor Air Quality Certified
Valid until: 10 March 2028			



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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	11.1 Plastics (PVC) for interior surface coverings and plastic components	Heavy metals (lead, cadmium, tin) / emissions / SVHC: phthalates	QNG ready
<b>Verification:</b> Prüfbericht des Instituts EPH Entwicklungs- und Prüflabor Holztechnologie GmbH vom 10.03.2026 (Nr. 2125159/2025/1). Herstellererklärung vom 02.06.2026.			



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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)	44 Products made of plastics (PVC)	SVHC	Quality level 4
<b>Verification:</b> Herstellererklärung vom 02.06.2026			

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	44 Products made of plastics (PVC)	SVHC	Quality level 4
<b>Verification:</b> Herstellererklärung vom 02.06.2026			



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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	44 Products made of Plastics (Factory)	SVHC	Quality level 4
<b>Verification:</b> Herstellererklärung vom 02.06.2026			



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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	29 PVC construction products	Heavy metals (lead, cadmium, tin), individual hazardous substances	Quality level 5
<b>Verification:</b> Herstellererklärung vom 02.06.2026			



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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:** Herstellererklärung vom 02.06.2026



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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:** Prüfbericht des Instituts EPH Entwicklungs- und Prüflabor Holztechnologie GmbH vom 10.03.2026 (Nr. 2125159/2025/1)



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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:** Prüfbericht des Instituts EPH Entwicklungs- und Prüflabor Holztechnologie GmbH vom 10.03.2026 (Nr. 2125159/2025/1)



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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.

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

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Eigenschaften	Normen	Wert
<b>BODENEIGENSCHAFTEN</b>		
Gesamtdicke		4 mm
Verschleißschicht	EN ISO 24340	0.2 mm
Oberfläche		PU Coating
Struktur und Fuge		leicht strukturiert
Installationsmethoden		Uniclic Locking - Glueless Floating
Plankengröße (L*B)		1300 x 900mm
<b>PACKING INFORMATION</b>		
Planken/Packung		2
Qm/Packung		2.34
Gewicht/Packung		20.8 kg
Packung/Palette		40
Qm/Palette		93,60
Qm/Container		2527
Palette/Container		27
Packung/Container		1080
Gesamtgewicht/Palette		811 kg
<b>VERHALTEN BEI HITZE</b>		
Brandverhalten	EN 13501-1	Bfl-S1
Schüsselung nach Wärmeeinwirkung	EN ISO 23999	<=  0.5  mm
<b>TECHNISCHE MERKMALE</b>		
Aufladungsspannung (CE)	EN 14041	Pass (0.5kV)
Rutschfestigkeit (CE)	EN 13893	DS
Rutschfestigkeit (Schiefe Ebene)	DIN 51130	R9
Abriebfestigkeit	EN 15468, Anhang A	>7300 rev. (>= 7000 for Class 34)
Mikrokratzbeständigkeit	DIN EN 16094	MSR-A2
Resteindruck	EN ISO 24343-1	0.04 mm
Dimensionsstabilität	EN ISO 23999	<= 0.05%
Fleckenbeständigkeit	EN 438-2	Gr.1: 5, Gr.2: 4, Gr.3: 4/5/5
Stoßfestigkeit	EN 13329	> 1800mm
<b>SCHÄDLICHE STOFFE</b>		
Formaldehyde/VOC Emissionen	EN 16516	E1 / VOC Free
Greenguard		Pass
Phthalatfrei		Yes

Stand: 2026-01-26



Eigenschaften	Normen	Wert
<b>BODENEIGENSCHAFTEN</b>		
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Verschleißschicht	EN ISO 24340	0.2 mm
Oberfläche		PU Coating
Struktur und Fuge		leicht strukturiert
Installationsmethoden		Uniclic Locking - Glueless Floating
Plankengröße (L*B)		2600 x 900mm
<b>PACKING INFORMATION</b>		
Planken/Packung		1
Qm/Packung		2.34
Gewicht/Packung		20.8 kg
Packung/Palette		39
Qm/Palette		91.26
Qm/Container		1460
Palette/Container		16
Packung/Container		624
Gesamtgewicht/Palette		811 kg
<b>VERHALTEN BEI HITZE</b>		
Brandverhalten	EN 13501-1	Bfl-S1
Schüsselung nach Wärmeeinwirkung	EN ISO 23999	<=  0.5  mm
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Stoßfestigkeit	EN 13329	> 1800mm
<b>SCHÄDLICHE STOFFE</b>		
Formaldehyde/VOC Emissionen	EN 16516	E1 / VOC Free
Greenguard		Pass
Phthalatfrei		Yes

Stand: 2026-01-26

# HERSTELLERERKLÄRUNG INHALTSSTOFFE

Hiermit bestätigen wir:

GT Flooring GmbH

Eichenstraße 12, 82152 Krailing

für das folgende Produkt / die folgenden Produkte:

Bodomo Wall

SPC Wandpaneele

Das Produkt/ Erzeugnis/ mindestens ein Teilerzeugnis enthält Stoffe der Kandidatenliste (Version zum Ausstellungsdatum) oberhalb 0,1 Massen%:	<b>nein</b>
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:	<b>nein</b>
Das Produkt/ Erzeugnis/ mindestens ein Teilerzeugnis enthält Zinn oberhalb 0,1 Massen%:	<b>nein</b>

Krailing, 02.06.2026



Ihr Ansprechpartner für Rückfragen:

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