



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

15418-10-1001

Oppland Klickvinyl (SPC-Rigid)

Product group: Vinyl



Oppland GmbH
Eichenweg 8
58239 Schwerte



Product qualities:



Köttner

Helmut Köttner
Scientific Director

Freiburg, 02 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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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 floor coverings	TVOC $\leq 160 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 10 \mu\text{g}/\text{m}^3$	Indoor Air Quality Certified
Valid untill: 18 April 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	2.2 Resilient floor coverings – including multilayer systems	VOC / Emissions / hazardous substances / polycyclic aromatic hydrocarbons (PAH) / SVHC / heavy metals	QNG ready
Verification: Indoor Air Comfort Gold Zertifikat Nr. IACG-526-01-01-2025 vom 18.02.2025 und Herstellererklärung vom 20.08.2025			



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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)	7 Floor coverings (Resilient floor coverings)	VVOCs, VOC, SVOC emissions and content of hazardous substances	Quality level 3

Verification: Indoor Air Comfort Gold Zertifikat Nr. IACG-526-01-01-2025 vom 18.02.2025 und Herstellererklärung vom 20.08.2025

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	7 Floor coverings for indoor use (elastic floor coverings)	VVOCs, VOC, SVOC emissions and content of hazardous substances	Quality level 3

Verification: Indoor Air Comfort Gold Zertifikat Nr. IACG-526-01-01-2025 vom 18.02.2025 und Herstellererklärung vom 20.08.2025

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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	7 Floor coverings (Resilient floor coverings)	VOC / SVOC / hazardous substances	Quality level 4
Verification: Indoor Air Comfort Gold Zertifikat Nr. IACG-526-01-01-2025 vom 18.02.2025 und Herstellererklärung vom 20.08.2025			



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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	2a Elastic floor coverings – with and without bonded underlay or insulation layer	VOC / hazardous substances / heavy metals	Quality level 3

Verification: Indoor Air Comfort Gold Zertifikat Nr. IACG-526-01-01-2025 vom 18.02.2025 und Herstellererklärung vom 20.08.2025



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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	Floor coverings (including associated adhesives and sealants)	Substances according to Annex C, formaldehyde, carcinogenic VOCs category 1A/1B	EU taxonomy compliant
Verification: Indoor Air Comfort Gold Zertifikat Nr. IACG-526-01-01-2025 vom 18.02.2025 und Herstellererklärung vom 20.08.2025			



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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	Flooring materials (including floor levelling compounds and resin flooring)	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality

Verification: Indoor Air Comfort Gold Zertifikat Nr. IACG-526-01-01-2025 vom 18.02.2025



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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.



Eurofins Indoor Air Comfort® confirms compliance with requirements for low VOC emissions. The standard level covers all mandatory VOC regulations in the EU, while the Gold level additionally takes into account emission criteria from voluntary ecolabels and building certifications.



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.



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.

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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/kriterien%20of%C3%BCr%20Produkte>

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Technisches Datenblatt

SPC-Rigid Vinylbodenbelag mit integrierter Trittschalldämmung



Eigenschaft	Norm	Wert
Format		1210 x 220 mm
Verpackungseinheit		2,13 m ² je Karton (8 Planken)
Fugenbild		Vierseitige Microfase
Oberflächenvergütung		Luminex® PU-Keramik
 Gesamtdicke	EN-ISO 24346	5,5 mm
 Nutzschicht	EN-ISO 24340	0,55 mm
 Flächengewicht	ISO 23997	9,28 kg / m ²
 Brandverhalten	EN 13501	Bfl-s1
 Rutschfestigkeit	DIN 51130	R10 / DS
Wärmeleitfähigkeit	EN 12667	0,033 m ² K/W
Verschleißgruppe	ISO 10582	Typ 1
 Fußbodenheizung	EN 1264-2	geeignet auf wasserführenden Systemen, max. 28°C
 Resteindruck	ISO 24343-1	0,13 mm
 Dimensionsstabilität	ISO 23999	0,05 % quer
 Trittschallverbesserung	ISO 10140-3	20 dB
 Lichtechtheit	ISO 105-B02	≥ Stufe 6
 Chemikalienbeständigkeit	EN-ISO 26987	Keine Veränderung des Materials bei kurzfristiger Einwirkung verdünnter Säuren, Öle, Fette
 Stuhlrolleneignung	ISO 4918	geeignet, Typ W (EN 12529)



*Irrtum und technische Änderungen vorbehalten, aktualisiert im Januar 2025

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Amtsgericht Iserlohn: HRB 10539 | USt-IdNr.: DE360584119 | Geschäftsführer: Lovis Kirchhoff, Marvin Paßmann

20.08.2025

Herstellererklärung über Schadstofffreiheit gemäß REACH-Verordnung

Sehr geehrte Damen und Herren,

hiermit bestätigen wir, dass alle unsere Bodenbeläge schadstofffrei gemäß REACH-Verordnung produziert werden und folgende Anforderungen erfüllen:

- SVHC < 0,1%
- CMR-Stoffe der Kategorie 1A und 1B < 0,1%
- Chlorparaffine (SCCPs + MCCPs + LCCPs) < 0,1%
- Reproduktionstoxische Phthalate < 0,1 %
- Keine Zinn-, Cadmium oder Bleistabilisatoren

Mit freundlichen Grüßen

Oppland GmbH



Marvin Paßmann
Geschäftsführer



Lovis Kirchhoff
Geschäftsführer