SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

15195-10-1004

PROFI Unterlage für Designbeläge Klick-Vinyl & SPC 1,3mm

Product group: Underlay - Floor coverings / Wall coverings

Decora S.A.
ul. Prądzyńskiego 24a
63000 Środa Wielkopolska

Product qualities:

- SHI Product Assessment 2024
- QNG Qualitätssiegel Nachhaltiges Gebäude
- 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, 02 April 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 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 ≤ 300 µg/m^3 Formaldehyd ≤ 24 µg/m^3	Indoor Air Quality Certified
Valid untill: 28 April 2027			

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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	2.4 Underlays for floor coverings	VOC/ emissions / hazardous substances / polycyclic aromatic hydrocarbons (PAH) / nitrosamines	QNG ready

Verification: Prüfbericht eurofins Nr. 392-2023-00128501_A_EN vom 28.04.2023

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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)	not applicable		Not relevant for assessment

Criteria	Assessment
SOC1.2 Indoor air quality (*)	May positively contribute to the overall building score
Verification: SHI Schadstoffgeprüft	

Criteria	Assessment
ENV1.1 Climate action and energy (*)	May positively contribute to the overall building score
Verification: Yes, the product is characterised by very low thermal resistance values (0.006 m^2K/W), which translates into energy cost savings when using the product with underfloor heating.	

Criteria	Assessment
SOC1.1 Thermal comfort (*)	May positively contribute to the overall building score
Verification: Yes, the product is characterised by very low thermal resistance values (0.006 m^2K/W), which translates into energy cost savings when using the product with underfloor heating.	

Criteria	Assessment
SOC1.3 Sound insulation and acoustic comfort (*)	May positively contribute to the overall building score
Verification: Yes, the product improves the acoustic insulation of the building.	

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 applicable	not applicable	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	32a EPS/XPS/PUR/PIR insulation products, melamine and phenolic foam, for interior and exterior use; for insulation materials in ETICS, additionally Position 36a applies	Halogenated refrigerants / individual hazardous substances	Quality level 5
Verification: Herstellererklärung vom 06.11.2024			

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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 06.11.2024			

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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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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.

The *Blue Angel* ("Blauer Engel") ecolabel, awarded by the German Federal Environment Agency, is one of the oldest and most widely used ecolabels in Germany. It exists in several variants for many different product groups. Since the test criteria, such as threshold values, differ between these variants, it is important to consider each one individually when assessing indoor air quality.

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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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TECHNISCHES DATENBLATT

EAN **4 033 805 029 378**



PROFI

UNTERLAGE für DESIGNBELÄGE KLICK-VINYL & SPC

9 m²

1,3 mm

PROFI Trittschalldämmunterlagen für Designböden sind Hochleistungsprodukte für spezifische Anwendungen.

kg
Druckfestigkeit

Fussboden-Heizung

ZU 94% AUS NAÜTRLICHEN INHALTSSTOFFEN

PRODUKTE NACH EN16354

FR IT EL CY PL RO

FUSSBODENHEIZUNG
SO GÜNSTIG VOM EXPERTEN
EXTREME HALTBARKEIT

PROFI UNTERLAGE für
DESIGNBELÄGE KLICK-VINYL & SPC

Technische Parameter

	MMFA	Wert		Klasse	Einheit	Prüfverfahren
t	Dicke	1,3	+/- 0,15		[mm]	EN ISO 29466:2023
l	Länge	9000	-0% +5%		[mm]	EN ISO 29466:2023
w	Breite	1000	-1% +2,5%		[mm]	EN ISO 29466:2023
q	Rechtwinkligkeit	≤4	-		[mm/m]	EN 824:2013
S	Ebenheit	≤1	-		[mm/m]	EN ISO 29468:2023
AW	Flächengewicht	1,04	+/- 10%		[kg/m²]	EN ISO 23997:2012
RWS	Gehschallabstrahlung	62	+/- 2		[sone]	EN 16205:2021
IS	Trittschalldämmung	15	+/- 2		[dB]	EN ISO 10140:2021
CS	Druckfestigkeit	550	+/- 10%	CS3	[kPa]	EN ISO 29469:2023
CC	Beständigkeit gegen Druck-Kriechverformung	70	+/- 10%	CC3	[kPa]	EN 1606:2013
DL	Beständigkeit bei dynamischer Belastung	>3 000 000	-	DL3	[Zyklen]	EN 13793:2004
PC	Ausgleich punktueller Unebenheiten	1	+/- 10%	PC2	[mm]	EN ISO 868:2005
TR	Wärmedurchlasswiderstand	0,004	+/- 0,003		[m²K/W]	EN 12664:2002
SD	Wasser-dampf-Diffusions-widerstand	>75	-		[m]	EN 12086:2013
RLB	Beständigkeit gegen Stoßbeanspruchung mit großer Kugel	≤1100	-	RLB2	[mm]	EN 13329:2024
RTF	Brandverhalten	Bfl - s1	-		-	EN 13501-1:2019

Logistische Parameter

	Verpackungseinheit	Versandeinheit
Form	Rolle 9 m²	360 m²
Gewicht	9,4 kg +/- 10%	404 kg +/- 10%
Abmessung	130x130x1000 mm	1200x800x1250 mm

Andere

Zolltarifnummer	39211310
Abfallschlüssel	170604
Recycling	ja
Zulassung	EN 16354:2018
Etikett	22 PAP
Folie	07

Die vorstehenden Angaben beruhen auf dem derzeitigen Kenntnisstand und dem Stand der technischen Entwicklung.
Wir erheben keinen Anspruch auf Vollständigkeit. Alle vorherigen Angaben sind hiermit ungültig.

11.2024

DECORA S.A.
ul. PRĄDZYŃSKIEGO 24A
63-000 ŚRODA WIELKOPOLSKA
POLAND
NIP: 786-10-00-577

Środa Wielkopolska, 06.11.2024

DECLARATION

As a producer of the "**Underlays PU**" we declare that the composition of our products meet the requirements listed below:

- SVHC < 0.1%
- CMR category 1A/1B < 0.1%
- TCEP < 0.1%

DECORA S.A.

R&D Department Technolog PU

Jakub Mikołajczyk