



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

1772-10-1004

ESPRIMA Design NICO Plus & ESPRIMA Design MONZANA

Product group: Design floors

ESPRIMA[®]
DESIGN

ESPRIMA DECOR-UNION Einkauf und Service
GmbH
Brüsseler Straße 3
30539 Hannover



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: 13 October 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	2.2 Resilient floor coverings – including multilayer systems	VOC / Emissions / hazardous substances / polycyclic aromatic hydrocarbons (PAH) / SVHC / heavy metals	QNG ready

Verification: Eurofins Indoor Air Comfort Gold Zertifikat vom 13.10.2023 (Zertifikats Nr. IACG-396-01-01-2023). SGS-Prüfbericht zu SVHC vom 13.06.2023 (Prüfbericht Nr. TSNHG2301521201). Konformität vom 05.09.2024, die die materielle Übereinstimmung bestätigt.



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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: Eurofins Indoor Air Comfort Gold Zertifikat vom 13.10.2023 (Zertifikats Nr. IACG-396-01-01-2023). SGS-Prüfbericht zu SVHC vom 13.06.2023 (Prüfbericht Nr. TSNHG2301521201). Konformität vom 05.09.2024, die die materielle Übereinstimmung bestätigt.			

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: Eurofins Indoor Air Comfort Gold Zertifikat vom 13.10.2023 (Zertifikats Nr. IACG-396-01-01-2023). SGS-Prüfbericht zu SVHC vom 13.06.2023 (Prüfbericht Nr. TSNHG2301521201). Konformität vom 05.09.2024, die die materielle Übereinstimmung bestätigt.			



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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: Eurofins Indoor Air Comfort Gold Zertifikat vom 13.10.2023 (Zertifikats Nr. IACG-396-01-01-2023). SGS-Prüfbericht zu SVHC vom 13.06.2023 (Prüfbericht Nr. TSNHG2301521201). Konformität vom 05.09.2024, die die materielle Übereinstimmung bestätigt.			



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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: Eurofins Indoor Air Comfort Gold Zertifikat vom 13.10.2023 (Zertifikats Nr. IACG-396-01-01-2023). SGS-Prüfbericht zu SVHC vom 13.06.2023 (Prüfbericht Nr. TSNHG2301521201). Konformität vom 05.09.2024, die die materielle Übereinstimmung bestätigt. Herstellererklärung vom 01.09.2024.



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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	Flooring materials (including floor levelling compounds and resin flooring)	Emissions: Formaldehyde, TVOC, carcinogens	Exemplary quality
Verification: Eurofins Indoor Air Comfort Gold Zertifikat vom 13.10.2023 (Zertifikats Nr. IACG-396-01-01-2023). SGS-Prüfbericht zu SVHC vom 13.06.2023 (Prüfbericht Nr. TSNHG2301521201). Konformität vom 05.09.2024, die die materielle Übereinstimmung bestätigt.			



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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.



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.

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

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NICO PLUS



Art.Nr.	Bezeichnung
73 478	Eiche Beige
73 479	Eiche Natur
73 480	Eiche Noblesse
73 481	Eiche Creme



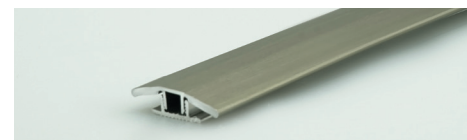
Technische Daten NICO PLUS

Produktspezifikation

Belagsart nach ISO 10582	Heterogenes PVC
ISO 14001	✓
ISO 9001	✓
ISO 24340 Nuttschichtstärke	0,30 mm + Polyurethan
ISO 24346 Gesamtstärke	4,4 mm - 3,4 mm PVC + 1,0 mm IXPE
ISO 23997 Flächengewicht	+/- 7,110 kg/m ²
ISO 23999 Dimensionsstabilität	L: <=0.15%, Q: <=0.15%
EN 1815 Elektrostatisches Verhalten	Gummi Testschuh: -1,8 kV
ISO 10140-1 Maximale Schalldämmung	bis zu 19 dB
EN 12667 Wärmedurchlasswiderstand	0,0165 m ² K/W
EN 13501-1 – 1:2007 Brandverhalten	Bfl – s1
ISO 24343-1 Resteindruck	≤ 0.10 mm
ISO 4918 Stuhlrollenbeanspruchung	✓
EN 13893/ DIN 51130 Rutschhemmung	0.4 mμ (R9)
ISO 10582 Beanspruchungsklasse	23 – intensive private Nutzung 31 – leicht gewerbliche Nutzung
EN 71-3 Toxizität	Nicht-toxisch
EN ISO 105 B02 Lichtechtheit	6-8 abhängig vom Design
Fußbodenheizung	max. 28 °C - Details siehe Verlegeanleitung
Fase	4V Fase
Format Diele	121,00 cm x 22,80 cm
Verpackungseinheit	12 Dielen / 3,34 m ²



* gemäß unseren Garantiebedingungen



Übergang Raster-Click Lock 28 mm
Edelstahl-Design



Sockelleiste Design 58 Colour
58 mm x 20 mm



MONZANA



Art.Nr. Bezeichnung

73 616 Sand

73 617 Beton Hell

73 618 Beton Dunkel

Technische Daten MONZANA

Produktspezifikation

Belagsart nach ISO 10582	Heterogenes PVC
ISO 14001	✓
ISO 9001	✓
ISO 24340 Nuttschichtstärke	0,30 mm + Polyurethan
ISO 24346 Gesamtstärke	5,0 mm - 4,0 mm PVC + 1,0 mm IXPE
ISO 23997 Flächengewicht	+/- 7,680 kg/m ²
ISO 23999 Dimensionsstabilität	L: -0.01%, Q: +0.01%
EN 1815 Elektrostatisches Verhalten	Gummi-Testschuh: -0,6 kV
ISO 10140-1 Maximale Schalldämmung	ΔL 13 dB
EN 12667 Wärmedurchlasswiderstand	0,0124 m ² K/W
EN 13501-1 – 1:2007 Brandverhalten	Bfl – s1
ISO 24343-1 Resteindruck	≤ 0.08 mm
ISO 4918 Stuhlrollenbeanspruchung	✓
EN 13893/ DIN 51130 Rutschhemmung	0,5 mμ (R9)
ISO 10582 Beanspruchungsklasse	23 – intensive private Nutzung 31 – leicht gewerbliche Nutzung
EN 71-3 Toxizität	Nicht-toxisch
EN ISO 105 B02 Lichtechtheit	6-8 abhängig vom Design
Fußbodenheizung	max. 28°C
Fase	V4 Fase
Format Diele	45,00 cm x 90,70 cm
Verpackungseinheit	6 Fliesen / 2,45 m ²



*gemäß unseren
Garantiebedingungen



Herstellereklärung

29.01.2025

Sehr geehrte Damen und Herren,

hiermit bestätigen wir, dass bei der Produktion unserer aktuellen Designbodenkollektionen unter Einhaltung des AgBB-Schemas von folgenden Inhaltsstoffen abgesehen wird:

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

Mit freundlichen Grüßen

A handwritten signature in blue ink, appearing to read "Ulfig".

Produktmanagement Boden