



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

15140-10-1003

Landhausdiele Eiche RUSTIKAL

Product group: Parquet



Floors4Ever
Spaustuvinkų 11A-22
44307 Kaunas



Product qualities:



Köttner

Helmut Köttner
Scientific Director

Freiburg, 25 March 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	Wood-based floor coverings	TVOC $\leq 300 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 36 \mu\text{g}/\text{m}^3$	Indoor Air Quality Certified
Valid until: 27 November 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	2.3 Multi-layer wood parquet, bamboo coverings, and floor coverings on wood-based panels	VOC / Emissions / hazardous substances	QNG ready
Verification: Prüfbericht eco-Institut Nr. 60442-A003-AgBB-L vom 27.11.2025. Herstellereklärung vom 23.03.2026.			



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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)	47c Wood-based materials in floor coverings	VVOCs, VOC, SVOC emissions and content of hazardous substances	Quality level 4
Verification: Prüfbericht eco-Institut Nr. 60442-A003-AgBB-L vom 27.11.2025.			

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	47c Floor coverings for indoor use (with wooden components)	VVOCs, VOC, SVOC emissions and content of hazardous substances	Quality level 4
Verification: Prüfbericht eco-Institut Nr. 60442-A003-AgBB-L vom 27.11.2025.			



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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	47a Industrially manufactured products	Formaldehyde	Quality level 4
Verification: Prüfbericht eco-Institut Nr. 60442-A003-AgBB-L vom 27.11.2025.			



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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	zb Wood-based floor coverings – also systems	VOC / hazardous substances	Quality level 3

Verification: Prüfbericht eco-Institut Nr. 60442-A003-AgBB-L vom 27.11.2025.
Herstellereklärung vom 23.03.2026.



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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	Floor coverings (including associated adhesives and sealants)	Substances according to Annex C, formaldehyde, carcinogenic VOCs category 1A/1B	EU taxonomy compliant

Verification: Prüfbericht eco-Institut Nr. 60442-A003-AgBB-L vom 27.11.2025.
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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: Prüfbericht eco-Institut Nr. 60442-A003-AgBB-L vom 27.11.2025.



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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	Bodenbeläge	compliant
Verification: Prüfbericht eco-Institut Nr. 60442-A003-AgBB-L vom 27.11.2025.		



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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.



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%20of%20Pr%C3%BCf%20Produkte>

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Fertigparkett



Real natural wood

Technical Data Sheet

3-Layer Engineered Hardwood Flooring Oak Zermatt 5G/Eiche Rustikal

EAN - 4260277619039

Construction & Material Composition

Top Layer: German or French Oak Quercus Robur

Core Layer: Indonesian Hevea Brasiliensis

Backing Layer: Indonesian Hevea Brasiliensis

Grade: DE - character (to learn more about our grades press → [HERE](#))

Dimensions & Packaging

Plank Dimensions: 1900 x 190mm

Overall Thickness: 14mm

- Top Layer - 3mm
- Core Layer - 9mm
- Backing Layer - 2mm

Bevels: 4 sides bevels, 0.5mm

Moisture Content (Pre-Installation): 7-9%

Packaging: 119,13sqm per pallet. 6 planks per package, 1 split plank included (Min length 600mm) 2,166sqm.

Storage Conditions: Dry, ventilated area (15-25°C, 40-60% humidity)

Fertigparkett



Real natural wood

Technical Data Sheet

Surface Finishing

Finish Type: Pre applied WOCA oil with a smooth natural wood grain optic.

Coating: 3 layers

Surface Finish: Sanded

Key Performance Indexes (EN 14342:2013)

Durability: 3240 N

Formaldehyde Emission: E1 (Tested periodically by Fraunhofer Institute)

Pentachlorophenol Emission: ≤ 5 ppm

Thermal Conductivity: 0.14 W/(mK)

Moisture Content (Pre-Installation): 7-9%

Slip Resistance, Break Strength, Friction Resistance: NPD

Fire Resistance: Cfl-s1



Technical Data Sheet

Installation & Underfloor Heating

System: 5G click system

Methods: Floating or full-surface gluing (T-joint gluing recommended)

Subfloor Compatibility: Concrete, plywood (moisture barrier required when floating)

Relative Humidity Requirement: 40–60%

Underfloor Heating:

- Compatible with warm water-based systems
- Maximum surface temperature: 27°C
- Maximum subfloor moisture: 1.8% CM (cement) / 0.3% CM (anhydrite)

Environmental, Warranty & Compliance

VOC Emissions: Tested by Fraunhofer WKI, compliant with AgBB 2021

Ultra-low emissions:

- TVOC after 28 days: 0.064 mg/m³ (limit: ≤1.0 mg/m³)
- Formaldehyde Emission: 0.002 mg/m³ (limit: ≤0.12 mg/m³)
- No carcinogenic VOCs detected (detection limit: 1 µg/m³)

Complies with European Standards: EN 14342, DIN EN 16516, AgBB VOC regulations

Warranty: 15 years residential (conditions apply)

HERSTELLERERKLÄRUNG EU-TAXONOMIE VERORDNUNG

Zur Bestätigung der Konformität gemäß Anlage C zur Vermeidung und Verminderung der Umweltverschmutzung gemäß der Delegierten Verordnung (EU) 2023/2486 der Kommission vom 27. Juni 2023.

Hiermit bestätigen wir:

Floors4ever UAB, Zanavyku g. 43, LT-44140 Kaunas

für das folgende Produkt / die folgenden Produkte:

Landhausdiele Eiche RUSTIKAL, Sortiemnt Indonesien

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

Hamburg, 23.03.2026



Ort, Datum, Unterschrift, Stempel

Ihr Ansprechpartner für Rückfragen:

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