SENTINEL HOLDING
INSTITUT

# SHI PRODUCT PASSPORT

**Find products. Certify buildings.**

SHI Product Passport No.:

## 1828-10-1009

## JOKA Sockelleiste Massivholz weiß lackiert RAL 9010 / RAL 9016

Product group: Skirting boards

JOKA®

W. & L. Jordan GmbH
Horst-Dieter-Jordan-Straße 7-10
34134 Kassel

### Product qualities:

- SHI Product Assessment 2024
- QNG Qualitätssiegel Nachhaltiges Gebäude
- DGNB NEW CONSTRUCTION 2023.2
- 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, 26 August 2026

Product:
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# Contents


| | |
|---|---|
| SHI Product Assessment 2024 | 1 |
| QNG - Qualitätssiegel Nachhaltiges Gebäude | 2 |
| DGNB New Construction 2023.2 | 3 |
| DGNB New Construction 2023 | 4 |
| DGNB New Construction 2018 | 5 |
| BNB-BN Neubau V2015 | 6 |
| EU taxonomy | 7 |
| BREEAM DE Neubau 2018 | 8 |
| LEED v4.1 | 9 |
| Product labels | 10 |
| Legal notices | 11 |
| Technical data sheet/attachments | 12 |


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 materials | TVOC ≤ 300 µg/m$^3$<br>Formaldehyd ≤ 36 µg/m$^3$ | Indoor Air Quality Certified |
| **Valid untill: 26 January 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 | 9.2 Wood-based materials (blockboard, fibreboard, veneer, and solid wood panels) | Formaldehyde / VOC / emissions / hazardous substances / SVHC: boron compounds | QNG ready |
| **Verification:** Prüfbericht eco-Institut Nr. 60624-A001-L vom 26.01.2026 in Verbindung mit Konformitätserkärung. | | | |

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SHI Product Passport no.:
**1828-10-1009**

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# DGNB New Construction 2023.2

| Criteria | No. / Relevant building components / construction materials / surfaces | Considered substances / aspects | Quality level |
|---|---|---|---|
| ENV 1.2 Local environmental impact | | | Not relevant for assessment |

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**1828-10-1009**

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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 relevant for assessment |

| 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 relevant for assessment |

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SHI Product Passport no.:
**1828-10-1009**

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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 relevant for assessment |

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SHI Product Passport no.:
**1828-10-1009**

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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 | | | Not relevant for assessment |

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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 | Sonstige | Stoffe nach Anlage C | compliant |
| **Verification:** Herstellererklärung vom 02.02.2026 | | | |

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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 | | | 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 | Considered substances | 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.

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%BCfkriterien%20f%C3%BCr%20Produkte**

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SGS

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34134 Kassel • Horst-Dieter-Jordan-Straße 7 – 10

Münster, 19.03.2025

**Produkt:** **JOKA Sockelleiste Massivholz weiß lackiert RAL 9010 / RAL 9016**
**PAR19016WL, PAR19020WL**

Sehr geehrte Damen und Herren,

hiermit bestätigen wir:

- Dass die Lackierung keinerlei toxische sowie krebserregende Stoffe der KAT 1A und 1B emittiert, welche über den Nachweisgrenzen liegen.
- Dass die Lackierung mit einem gemessenen Formaldehydgehalt von 0,02 ppm unter dem Grenzwert liegt.
- Dass die Lackierung den Anforderungen der EN 71-3:2019+A1:2021 entspricht, welche auch die Grenzwerte für Kinderspielzeug festlegt und somit einen der höchsten Standards hinsichtlich der Emissionseigenschaften definiert.
- Dass der eingesetzte wasserlösliche Lack keinen TVOC-Wert emittiert, der über dem Grenzwert von 1,0 mg/m² liegt
- Dass keine SVHC > 0,1% enthalten sind
    - Das schließt ein: Reproduktionstoxische Borverbindungen < 0,10%

Entsprechend dem eingesetzten wasserlöslichen und absolut lösemittelfreien Lack entsprechen wir nicht nur der REACH-Verordnung, sondern erfüllen auch die Anforderungen der DGNB in allen Punkten sowie den Anforderungen an RAL UZ12a.

Bei Fragen stehen wir Ihnen gerne zur Verfügung.

Mit freundlichen Grüßen

i.A. Mirjam Mörtel
Qualitätsmanagement - Produktnachhaltigkeit

JORDAN
Qualität & Service seit 1919

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Für sämtliche Abschlüsse gelten unsere allgemeinen Geschäftsbedingungen.
AG Kassel HRB 4697 • W. & L. Jordan GmbH • Geschäftsführer: Jörg Ludwig Jordan (geschäftsführender Gesellschafter),
Thomas Peter, Fred Himmelmann, Robert Horst

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Natürlich schöne Räume