



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

13180-10-1006

Holzlatte Fichte/Tanne, Sägerau

Product group: Construction timber & laths - Wood & Wood materials

binderholz ■

Binderholz Oberrot | Baruth GmbH
Eugen-Klenk-Straße 2 - 4
74420 Oberrot



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 | Wood materials | TVOC $\leq 300 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 36 \mu\text{g}/\text{m}^3$ | Indoor Air Quality Certified |
| Valid untill: 03 March 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 | not applicable | not applicable | QNG ready - Not relevant for assessment |

| Criteria | Assessment |
|--|---|
| ANF2-WG1 Nachhaltige Materialgewinnung | May positively contribute to the overall building score |

Verification: PEFC Zertifizierung



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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 | Quality level |
|--|---|
| ENV1.3 Responsible resource extraction | May positively contribute to the overall building score |
| Verification: PEFC Zertifizierung | |

| Criteria | Assessment |
|-------------------------------|---|
| SOC1.2 Indoor air quality (*) | May positively contribute to the overall building score |

| 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 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 | | | Not relevant for assessment |

| Criteria | Assessment |
|--|---|
| 1.1.7 Nachhaltige Materialgewinnung | May positively contribute to the overall building score |
| Verification: PEFC Zertifizierung | |



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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 | | | Not relevant for assessment |
| Verification: Reines Holzprodukt | | | |



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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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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 PEFC label certifies wood and wood products from sustainably managed forests and requires, among other things, legal origin, protection of forest ecosystems, and social minimum standards in forestry. Environmental organisations consider PEFC's criteria to be less strict than those of FSC, particularly regarding the protection of sensitive forest areas. Health-related aspects of the final product are not part of the PEFC assessment.



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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/Pr%C3%BCfverfahren%20f%C3%BCr%20Produkte>

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Publisher

Sentinel Holding Institut GmbH
Bötzingen Str. 38
79111 Freiburg im Breisgau
Germany
Tel.: +49 761 590 481-70
info@sentinel-holding.eu
www.sentinel-holding.eu

This certificate confirms that the procedure for the production and/or the trade of

**Roundwood – Sawnwood – Profiled timber – Solid wood panels–
Glued laminated products – Pellets – Briquettes – Pallets –
Sawmill by-products – Laminated veneer lumber (LVL)**

produced and/or traded by

Binderholz-Gruppe

requested by

**Binderholz GmbH Holzindustrie
AT-6263 Fügen/Zillertal, Zillertalstraße 39**

at the sites listed in the current addendum to this certificate has undergone an initial inspection, is subject to continuous inspection and complies with the requirements of the rules and standards



Chain of Custody

PEFC ST 2002:2020 Chain of Custody of Forest Based Products – Requirements

PEFC AT ST 2002:2020 Produktkettennachweis von Holzprodukten – Anforderungen

PEFC ST 2001:2020 PEFC Trademarks Rules – Requirements

PEFC AT ST 2001:2020 Richtlinie für die Verwendung der PEFC-Warenzeichen – Anforderungen

in the valid version at a time (see www.pefc.org) as long as requirements are fulfilled.

Detailed information on the scope of the certification can be found in the addendum of this certificate.

Certificate number: HFA-PEFC-COC-0211 (multi-site)

Date of first issuance: 22.06.2001

Date of issuance: 26.09.2023

Valid to: 30.06.2025

DI (FH) Martin Wolfsbauer
Authorised Signatory



Dr. Manfred Brandstätter
Head of Certification Body

Addendum to certificate HFA-PEFC-COC-0211

Date of issuance: 26.09.2023

Scope of Multi-Site-Certification:

| Product category | | Product name | CoC-method |
|------------------|----------------------------------|---------------------------|---|
| 010100 | Sawlogs and veneer logs | Rundholz | Physical separation method Credit method |
| 010300 | Chips and particles | Sägenebenprodukte | Physical separation method Credit method |
| 010300 | Chips and particles | Sägenebenprodukte | Physical separation method Credit method |
| 010400 | Wood residues | Sägenebenprodukte | Physical separation method Credit method |
| 020300 | Pellets and brickets | Pellets, Briketts | Physical separation method Credit method |
| 030100 | Sawnwood | Schnittholz | Physical separation method Credit method |
| 030100 | Sawnwood | Hobelwaren | Physical separation method Credit method |
| 030100 | Sawnwood | Schnittholz | Physical separation method Credit method |
| 040100 | Cross Laminated Timber (CLT) | Massivholzplatten | Physical separation method Credit method |
| 040200 | Finger Jointed Lumber | Schnittholz | Physical separation method Credit method |
| 040300 | Glue Laminated Products (Glulam) | Verklebte Holzbauprodukte | Physical separation method Credit method |
| 040400 | Laminated Veneer Lumber (LVL) | Verklebte Holzbauprodukte | Physical separation method Credit method |
| 060101 | Packaging and crates | Paletten | Physical separation method Credit method |
| 060103 | Pallets | Paletten | Physical separation method Credit method |

Locations of Multi-Site-Certification:

| Location | | CoC-method |
|--|---|---------------|
| Binderholz GmbH Holzindustrie (Central office) | Zillertalstraße 39 6263-Fügen Austria | --- |
| Binderholz GmbH Holzindustrie | Zillertalstraße 39 6263-Fügen Austria | Credit method |
| Binderholz GmbH Holzindustrie (Site) | Tiwagstraße 3 6200-Jenbach Austria | --- |

| | | |
|--|---|----------------------------|
| Binderholz GmbH Holzindustrie (Site) | Gewerbegebiet 2 5113-St. Georgen Austria | --- |
| Binderholz Bausysteme GmbH | Solvay-Halvic-Straße 46 5400-Hallein Austria | Physical separation method |
| Binderholz Unternberg GmbH | Stranach 26 5585-Unternberg Austria | Credit method |
| Binderholz Kösching GmbH | Einsteinstraße 9 85092-Kösching / Interpark Germany | Credit method |
| Binderholz Burgbernheim GmbH | Rothenburger Straße 46 91593-Burgbernheim Germany | Credit method |
| Binderholz Oberrot Baruth GmbH | Eugen-Klenk-Straße 2-4 74420-Oberrot Germany | Credit method |
| Binderholz Oberrot Baruth GmbH (Site) | An der Birkenpfuhlheide 1 15837-Baruth Germany | --- |
| Binderholz Wolfegg GmbH | Eugen-Klenk-Straße 2-4 74420-Oberrot Germany | Credit method |
| Binderholz Wolfegg GmbH (Site) | Grimmenstein 10 88364-Wolfegg Germany | --- |
| Binderholz Nordic OY | Länsikatu 15 80110-Joensuu Finland | Percentage method |
| Binderholz Nordic OY (Site) | Kevätniementie 7 81700-Lieksa Finland | --- |
| Binderholz Nordic OY (Site) | Sahanportti 1 75500-Nurmes Finland | --- |