SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

15139-10-1003

HERBA EXKLUSIV, natur, lackiert, geölt

Product group: Interior construction - Doors & Gates - Interior doors

Herba Zimmertüren

Herrmann Bär GmbH
Oberndorfer Str. 19 - 21
91472 Ipsheim

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, 30 March 2026

SENTINEL HOLDING
INSTITUT

Product:
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Contents

SHI Product Assessment 2024	1
QNG - Qualitätssiegel Nachhaltiges Gebäude	2
DGNB New Construction 2023	3
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	11

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: 31 August 2026			

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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			QNG ready - Not relevant for assessment

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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)	47 Coated and uncoated wood-based materials: particle board, blockboard, veneer panels, fibreboard	Formaldehyde emissions	Quality level 4
Verification: für DE-UZ 76 oder Formaldehyd ≤ 0,08 ppm (entspricht 0,103 mg/m^3) durch Eco Zertifikat vom 07.08.2025 / Nr. ID 0817-33806-002.			

Criteria	Assessment
ENV1.1 Climate action and energy (*)	May positively contribute to the overall building score
Verification: Erfahrungswerte des Herstellers.	

Criteria	Assessment
SOC1.1 Thermal comfort (*)	May positively contribute to the overall building score
Verification: ja, wenn die Tür offen oder geschlossen ist.	

Criteria	Assessment
SOC1.3 Sound insulation and acoustic comfort (*)	May positively contribute to the overall building score
Verification: ja, wenn die Tür offen oder geschlossen ist.	

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

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	Coated and uncoated wood-based materials	VVOC, VOC, SVOC emissions	Quality level 4
Verification: für DE-UZ 76 oder Formaldehyd ≤ 0,08 ppm (entspricht 0,103 mg/m^3) durch Eco Zertifikat vom 07.08.2025 / Nr. ID 0817-33806-002.			

Product:
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Herba Zimmertüren

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: Eco-Institut Zertifikat vom 07.08.2025 / Nr. ID 0817-33806-002.			

Product:
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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	23 Oils and waxes	VOC / hazardous substances	Quality level 5
Verification: bzgl. Nr. 23 und Nr. 3a für Einhaltung BIMSchV bzw. TA-Luft durch Herstellerbestätigung vom 11.07.2024.			

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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: für keine Stoffe mit Einstufung CMR 1A / 1B und SVHC ≤ 0,1% durch Eco Zertifikat vom 07.08.2025/ Nr. ID 0817-33806-002.			

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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	Wood-based products	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality
Verification: Eco Zertifikat vom 07.08.2025 / Nr. ID 0817-33806-002			

Product:
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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	Holzwerkstoffe	compliant
Verification: Eco Zertifikat vom 07.08.2025 / Nr. ID 0817-33806-002		

Product:
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SHI Product Passport no.:
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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 privately owned eco-INSTITUT certifies low-emission, low-odour and low-pollutant construction and cleaning products, furnishings and furniture on the basis of its strict test criteria and precisely documented certification conditions.

Product:
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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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ZERTIFIKAT / CERTIFICATE

Zertifizierte Produkte Certified products	**HERBA EXKLUSIV - natur - lackiert - geölt**
Produktart Product type	**Tür**
Hersteller / Vertrieb Manufacturer / Distributor	**HERBA-Zimmertüren Herrmann Bär GmbH** **Oberndorfer Str. 21** **91472 Ipsheim**
Zertifizierungsnummer Certification number	**0817-33806-002**
Prüfberichtsnummer Number of test report	**59393-A001-A007-eIL-G II** **59393-A001-A007-L** **60264-A001-A003-L**
Prüfumfang Test program	Laborprüfung auf gesundheitlich bedenkliche Emissionen und Inhaltsstoffe. Tested on hazardous emissions and components.
Prüfergebnis Test result	Die untersuchten Produkte erfüllen die Anforderungen des eco-INSTITUT-Label-Programms sowie der Prüfkriterien eIL 07.01 (03/2024) Fenster, Türen, Trennwände. Einzelheiten siehe zugehöriges Gutachten. The products tested meet the requirements of the eco-INSTITUT-Label programme and the test criteria eIL 07.01 (03/2024) Windows, doors, partition walls. For further details see the respective report.
Gültigkeit / Überwachung bis Validity / Monitoring until	**08/2026**

Köln, 07.08.2025

eco-INSTITUT Germany GmbH
Schanzenstr. 6-20
Carlswerk 1.19
D-51063 Köln

Dr. Frank Kuebart

Nora Rasch

eco INSTITUT
TESTED PRODUCT
ID 0817 - 33806 - 002

eco-institut.de
eco-institut-label.de

INFORMATION ZUM ZERTIFIKAT

Die wichtigsten Fakten zum eco-INSTITUT-Label

- **Anerkanntes Qualitätssiegel** für Bau- und Einrichtungsprodukte, Möbel, Reinigungsmittel, Matratzen und Bettwaren
- **Empfohlen** von führenden unabhängigen Verbrauchermedien (z. B. WDR Haushalts-Check, Magazin ÖKO-TEST, label-online.de)
- Kennzeichnet Produkte, die **besonders schadstoff- und emissionsarm** sind
- Prüfumfang: **1. Dokumentenprüfung** (Volldeklaration), **2. Laborprüfung** (umfangreiche Untersuchungen auf Emissionen, Inhaltsstoffe und Geruch)
- **Gültigkeit: 2 Jahre**; jährliche Konformitätsprüfung; zur Verlängerung nach 2 Jahren komplette Neuprüfung erforderlich
- **Transparenz** beim Prüfablauf, bei den Prüfkriterien und den Kosten (weiterführende Informationen unter **www.eco-institut-label.de**)

Was deckt das Label ab bzw. wo wird es anerkannt?

Das Hauptmerkmal der eco-INSTITUT-Label-Kriterien ist die **ausführliche Liste von VOC-Emissionsanforderungen** für kritische Substanzgruppen und Einzelsubstanzen. Diese basiert unter anderem auf der jeweils aktuellen NIK-Wert-Liste des AgBB, umfasst aber auch die deutschen Innenraumrichtwerte RW I.

Die Emissionsprüfungen erfolgen gemäß EN 16516 i. d. R. nach 3 und 28 Tagen. Durch die strengen eco-INSTITUT-Label-Kriterien werden die Emissionsanforderungen an Produkte bei anderen **nationalen und internationalen Bewertungsprogrammen** abgedeckt bzw. anerkannt, wie z. B. ...

- ✓ **AgBB Schema Deutschland** (Ausschuss für die gesundheitliche Bewertung von Bauprodukten)
- ✓ **Landesbauordnungen/MVV TB Deutschland:** Anforderungen an bauliche Anlagen bezüglich des Gesundheitsschutzes (ABG)
- ✓ **Belgische VOC-Verordnung**
- ✓ **Französische VOC-Verordnung** Klasse A sowie **französische KMR-Verordnung**
- ✓ **Breeam** und **HQM International** (außer „paints & varnishes"): Hea 02 Indoor air quality
- ✓ **BVB Schweden** (Byggvarube dömningen): VOC emissions
- ✓ **Danish Indoor Climate Labelling**
- ✓ **DGNB International** (ENV1.2 – Risiken für die lokale Umwelt; 2018): Emissionsnachweis der Zeilen 6, 7, 8, 9, 11, 13, 20, 23, 47a, 48 – Neubau Gebäude und Innenraum Kriterienmatrix (Anlage 1) und der Zeilen 1 und 2 – Innenraum Kriterienmatrix (Anlage 2)
- ✓ **eco-bau Schweiz** (Kriterium Lösemittel)
- ✓ **EGGbi Europäische Gesellschaft für gesundes Bauen und Innenraumhygiene** (Zitat: „[...] umfangreichsten und völlig transparenten Kriterienkatalog aller Gütezeichen [...]"
- ✓ **EU Taxonomieverordnung (EU) 2023/2486** 7.1 Neubau, 7.2 Gebäuderenovierung, 5) Vermeidung und Verminderung der Umweltverschmutzung, Formaldehyd und krebserzeugende VOC
- ✓ **GOLS Global Organic Latex Standard**
- ✓ **Italienisches Green Public Procurement** (I Criteri ambientali minimi – CAM)
- ✓ **LEED v4.1** Option 2 und **LEED v4** for projects outside the U.S.; EQ credit low-emitting materials: VOC emissions requirements (bei Formaldehyd-emissionen nach 28 Tagen < 10 µg/m³)
- ✓ **QNG Qualitätssiegel Nachhaltiges Gebäude** (3.1.3 Schadstoffvermeidung in Baumaterialien): Teil- oder Komplettanforderungen an SVHC, VOC-Emissionen und Inhaltsstoffe Pos. 1, 2, 3.1, 3.2, 4.1, 4.2, 4.3, 4.5, 5.7, 5.8, 5.9, 6, 7.5, 9, 12.4
- ✓ **WELL International** (International WELL Building Institute)

Die Liste ist nicht abschließend.
Stand: November 2024

INFORMATION ON THE CERTIFICATE

The most important facts about the eco-INSTITUT label

- Recognised quality seal for construction and furnishing products, furniture, cleaning products, mattresses and bedding
- Recommended by leading independent consumer media (e.g. WDR Haushalts-Check, ÖKO-TEST Magazine, label-online.de)
- Identifies products that are particularly low in pollutants and emissions
- Test scope: 1. Document inspection (full declaration), 2. Laboratory testing (extensive tests for emissions, substances and odour)
- Validity: 2 years; annual conformity test; complete reassessment required for renewal after 2 years
- Transparency in the test sequence, the test criteria and the costs (further information at www.eco-institut-label.de)

What does the label cover and where is it recognised?

The main feature of the eco-INSTITUT label criteria is the detailed list of VOC emission requirements for critical substance groups and individual substances. This is based, among other things, on the current list of NIK values from the AgBB, but also includes the German Indoor Guide Values RW I.

Emission tests are usually carried out after 3 and 28 days in accordance with EN 16516. Due to the strict eco-INSTITUT label criteria, emission requirements for products are covered or recognised in other national and international evaluation programmes, such as …

- ✓ AgBB scheme Germany (Committee for Health-related Evaluation of Building Products)
- ✓ State Building Codes/MVV TB Germany: Requirements for structural installations regarding health protection (ABG)
- ✓ Belgian VOC regulation
- ✓ French VOC regulation Class A and French CMR regulation
- ✓ Breeam and HQM International (except „paints & varnishes“): Hea 02 Indoor air quality
- ✓ BVB Sweden (Byggvarube dömningen): VOC emissions
- ✓ Danish Indoor Climate Labelling
- ✓ DGNB International (ENV1.2 – Local environmental impact; 2018): Emission evidence from rows 6, 7, 8, 9, 11, 13, 20, 23, 47a, 48 – New buildings and interior criteria matrix (Appendix 1) and rows 1 and 2 – Interior criteria matrix (Appendix 2)
- ✓ eco-bau Switzerland (solvent criterion)
- ✓ EGGbi European Society for Healthy Building and Indoor Hygiene (quote: „[...] most comprehensive and completely transparent catalogue of criteria of all quality labels [...]“)
- ✓ EU Taxonomy Regulation (EU) Standard 2023/2486 7.1 New construction, 7.2 Building renovation, 5) Pollution prevention and control, formaldehyde and carcinogenic VOCs
- ✓ GOLS Global Organic Latex Standard
- ✓ Italian Green Public Procurement (I Criteri ambientali minimi – CAM)
- ✓ LEED v4.1 Option 2 and LEED v4 for projects outside the U.S.; EQ credit low-emitting materials: VOC emissions requirements (formaldehyde emissions after 28 days < 10 µg/m³)
- ✓ QNG German Quality label Sustainable Building (3.1.3 Prevention of pollutants in building materials): Partial or complete requirements for SVHC, VOC emissions and contents Pos. 1, 2, 3.1, 3.2, 4.1, 4.2, 4.3, 4.5, 5.7, 5.8, 5.9, 6, 7.5, 9, 12.4
- ✓ WELL International (International WELL Building Institute)

The list is not exhaustive.
Last updated: November 2024

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Technisches Datenblatt

Stand 2024

Zimmertürelemente in Schreinerqualität, einbaufertig zusammengebaut.

Modell:
EXKLUSIV – gefälztes Element

Beschreibung Exklusiv-Türblatt mit Exklusiv-Mittellage	
Oberfläche:	Echtholz furniert, natur lackiert, Profi White oder Profi Colour lackiert, umweltfreundlicher, schadstofffreier Wasserlack, alternativ geölt
Konstruktionsmerkmale:	Abmessungen: nach DIN 18101, sowie Sondermaße
Türblattstärke:	ca. 40 mm
Kante:	Rundkante oder preisgleich eckig, dreiseitig echtholzfurniert oder Profi White bzw. Colour
Absperrung:	Hartfaser- oder HDF-Platten ca. 3 mm
Rahmen:	Rahmen aus Massivholz umlaufend, aufrecht und unten quer doppelt
Mittellage:	Exklusiv-Mittellage – natürliche, ökologische Holzfaserplatte
Verleimung:	schadstofffrei mit PVAC-Weißleim (D 3)
Bänder:	2 Stück Einbohrbänder SIMONS V 0026 WF
Schloss:	Bb-Schloss nach DIN 18251, Klasse 2, zweitourig

Beschreibung Exklusiv-Türzarge (immer fertig zusammengebaut)	
Oberfläche:	Echtholz furniert natur lackiert; Profi White oder Profi Colour lackiert, umweltfreundlicher, schadstofffreier Wasserlack, alternativ geölt
Konstruktionsmerkmale:	Abmessungen: nach DIN 18101, sowie Sondermaße, fertig zusammengebaut
Verkleidungen:	60mm eckig
Futterbrett:	22mm Tischlerplatte
Dichtung:	TPE Dichtung eingezogen
Schließblech:	Standard-Schließblech: stabiles zweitouriges Schließblech, erhöhte Stabilität durch zwei zusätzliche Befestigungswinkel, die an der Futterrückseite verschraubt werden
Bandtaschen & Bänder:	2 Bandtaschen V 3612 vernickelt 2 Stück Einbohrbänder SIMONS V 4400 WF
Verstellbereich:	bei Wandstärke 70 bis 90mm: -0/+10mm bei Wandstärke über 90mm: -5/+15 mm
Weitere Mehrleistungen und Ausführungen auf Anfrage	