SENTINEL HOLDING
INSTITUT

SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14189-10-1024

Funderplan Dekor

Product group: Wood fiber - Wood & Wood materials - Interior construction

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Fundermax GmbH
Klagenfurter Straße 87-89
9300 St. Veit/Glan

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, 25 March 2026

SENTINEL HOLDING
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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	Assessment	Notice
SHI Product Assessment		Indoor Air Quality Certified (Advisory Note)	Empfehlenswert vor allem in Gebäuden mit Lüftungsanlage
Valid untill: 30 September 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	9.2 Wood-based materials (blockboard, fibreboard, veneer, and solid wood panels)	Formaldehyde / VOC / emissions / hazardous substances / SVHC: boron compounds	QNG ready
Verification: Prüfbericht des Instituts Bremer Umweltinstitut vom 30.09.2025 / Prüfbericht Nr. M 3717 FM. Herstellererklärung vom 9. Februar 2026.			

Criteria	Assessment
ANF2-WG1 Nachhaltige Materialgewinnung	May positively contribute to the overall building score
Verification: FSC- und PEFC zertifiziert	

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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)	48 Timber construction and prefabricated wooden houses	Formaldehyde emissions	Quality level 4
Verification: Prüfbericht des Instituts Bremer Umweltinstitut vom 30.09.2025 / Prüfbericht Nr. M 3717 FM.			

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	48 Timber construction: Wood-based materials	Formaldehyde emissions	Quality level 4
Verification: Prüfbericht des Instituts Bremer Umweltinstitut vom 30.09.2025 / Prüfbericht Nr. M 3717 FM.			

Criteria	Quality level
ENV1.3 Responsible resource extraction	May positively contribute to the overall building score
Verification: FSC- und PEFC zertifiziert	

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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	48 Timber construction and prefabricated wooden houses	Formaldehyde	Quality level 4
Verification: Prüfbericht des Instituts Bremer Umweltinstitut vom 30.09.2025 / Prüfbericht Nr. M 3717 FM.			

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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	41 Wood-based panels according to EN 13986, such as chipboard, plywood, fiberboard, medium-density fiberboard (MDF), plywood, solid wood panels, and OSB panels, as well as veneer plywood	VOC / formaldehyde / hazardous substances	Quality level 4
Verification: Prüfbericht des Instituts Bremer Umweltinstitut vom 30.09.2025 / Prüfbericht Nr. M 3717 FM. Herstellererklärung vom 9. Februar 2026.			

Criteria	Assessment
1.1.7 Nachhaltige Materialgewinnung	May positively contribute to the overall building score
Verification: FSC- und PEFC zertifiziert	

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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: Herstellererklärung vom 9. Februar 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	Wood-based products	Emissions: Formaldehyde, TVOC, carcinogens	Normal quality
Verification: Prüfbericht des Instituts Bremer Umweltinstitut vom 30.09.2025 / Prüfbericht Nr. M 3717 FM.			

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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: Prüfbericht des Instituts Bremer Umweltinstitut vom 30.09.2025 / Prüfbericht Nr. M 3717 FM.		

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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.

The Forest Stewardship Council (FSC) label is awarded to products made wholly or partly from wood sourced from responsibly managed and controlled forestry. Health-related aspects of the final product are not part of the FSC assessment.

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.

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%20of%C3%BCr%20Produkte

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St. Veit/Glan, 9. Februar 2026

Erklärung zur REACH – Verordnung betreffend Produkte von FunderMax

Die REACH – Verordnung EG Nr. 1907/2006 regelt den Umgang mit chemischen „Stoffen" und „Zubereitungen" in der EU.

Alle **Platten und Laminate von FunderMax** sind **Erzeugnisse** nach REACH Artikel 3 (3). Sie enthalten **keine verbotenen** oder beschränkten **Stoffe nach Anhang XVII** der REACH-Verordnung. Die Erzeugnisse weisen unter vernünftigerweise vorhersehbaren Verwendungsbedingungen **keine beabsichtigte Freisetzung** von Stoffen auf. Weiters enthalten Platten und Laminate von FunderMax **weder in Anhang XIV gelistete Stoffe, noch Stoffe der Kandidatenliste nach Artikel 59 (1)** größer als 0,1 Masseprozent. Folglich besteht nach REACH Artikel 7 (1) **keine Verpflichtung zur Registrierung** von in den Erzeugnissen enthaltenen Stoffen.

Der Abgleich mit der aktuellen Kandidatenliste erfolgt regelmäßig nach den Erfordernissen der REACH-Verordnung. Wir kennen die Verpflichtung nach REACH Artikel 33 (1). Wir werden in Zukunft unseren Abnehmern bei Änderung der Kandidatenliste bzw. der oben genannten Anhänge zeitnah Informationen zur Verfügung stellen, falls hierdurch Inhaltsstoffe unserer Erzeugnisse betroffen sind.

Diese Erklärung gilt zur Gänze auch für alle durch FunderMax ausgelieferten **Verpackungsmaterialien**.

Für Sie als Kunde ergibt sich kein Handlungsbedarf im Sinne der REACH – Verordnung.

i. V.

FunderMax GmbH
Dipl.-Ing. Isabel Sonnleithner
Director Innovation Management