



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14479-10-1012

43 Expert Plus

Product group: Other - Polyurethane



Die Markenwohnwand - natürlich effizient

ISO SPAN Baustoffwerk GmbH
Madling 177
A-5591 Ramingstein



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	Other products	TVOC $\leq 300 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 24 \mu\text{g}/\text{m}^3$	Indoor Air Quality Certified
Valid until: 30 April 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	not applicable	not applicable	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)			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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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



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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.



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.



An Environmental Product Declaration (EPD) is an internationally recognised tool for transparently presenting the environmental impacts of products. It is based on ISO 14025 and, for construction products, on EN 15804, and provides standardised data for the entire life cycle, from raw material extraction to disposal. EPDs make it possible to assess the environmental performance of construction products in a traceable way, create comparability, and form an important basis for building certification, sustainable procurement, and compliance with legal requirements.



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

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Internationaler Verein für zukunftsfähiges Bauen und Wohnen e.V.

CERTIFICATE

for the award of the quality label

ZERTIFIKAT

über die Vergabe des Qualitätszeichens

CERTIFICAT

pour l'attribution du label de qualité

Approved products
Geprüfte Produkte
Produits testés

isospan (Dünnwandstein) I25, **isospa**n (Dünnwandstein) I30, **isospa**n (Innenwandstein) N15, **isospa**n (Innenwandstein) N18, **isospa**n (Innenwandstein) N20, **isospa**n (Innenwandstein) N22, **isospa**n (Normalwandstein) N25, **isospa**n Trennwandstein TW30

Licensee
Lizenznehmer
Licencié

ISOSPAN Baustoffwerk GmbH
Madling 177
5591 Ramingstein
Österreich

Type of product
Produktart
Type de produit

Wood-chip concrete shuttering blocks
Holzbeton-Mantelsteine
Blocs de coffrage en béton utilisant des copeaux de bois

Certificate number
Zertifikatsnummer
Numéro de certificat

1107-1006-097-1

Scope of assessment
Prüfumfang
Étendue du test

CLIMATE PROTECTION
KLIMASCHUTZ
PROTECTION DU CLIMAT

HEALTHY LIVING
WOHNGESUNDHEIT
SANTÉ DE L'HABITAT

RESOURCE CONSERVATION
RESSOURCENSCHONUNG
PRÉSERVATION DES RESSOURCES

Product data
Produktdaten
Données sur le produit



Further information on the product, scope of testing and label recognition.
Weitere Informationen zu Produkt, Prüfumfang und Labelanerkennung.
Plus d'informations sur le produit, l'étendue du contrôle et la reconnaissance du label.
<https://natureplus-label.org/cert?id=1107-1006-097-1>

Validity of the certificate
Gültigkeit des Zertifikats
Validité du certificat

04/2026

Neckargemünd, 2025-10-27

Tilmann Kramolisch

natureplus e.V.
Lizenzvergabe | Licensing | Licences

Felix Konrad

natureplus Institute SCE mbH
Prüfinstitut | Test Institute | Institut de contrôle