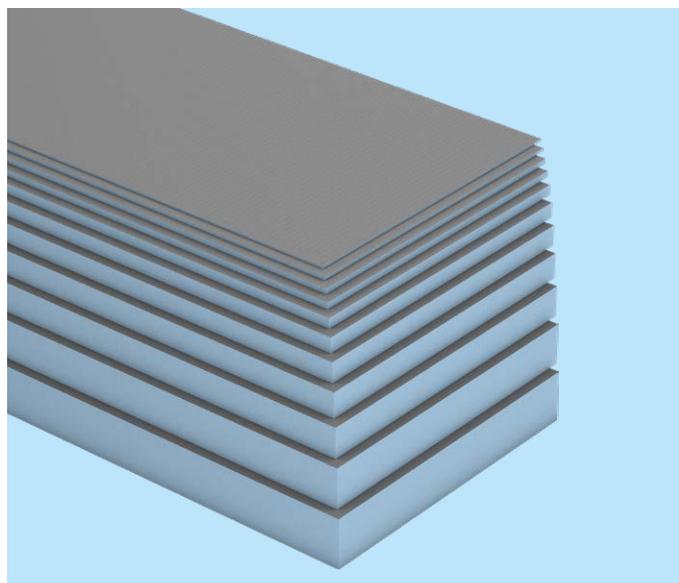


wedi building board

- For wall, ceiling and floor
- Waterproof and heat-insulating
- With approx. 25% recycled content

Good to know: we process our XPS waste into recycled granules at our own plant. This is why the wedi building board now contains a high proportion of recycled foam.



Sustainable product development

Designing business processes, developing system solutions, manufacturing products and dispatching them with our own logistics: we place great importance on an energy-efficient, resource-saving approach at every step of the way.

Sustainable product development is an essential part of our sustainability strategy. We develop products that solve common challenges and we do it in a resource-friendly manner to protect the environment.

wedi products make a lasting contribution to sustainability, even long after they have left our factory.

- **Enhanced thermal insulation:** wedi products contribute to the thermal insulation of a building from the inside.
- **Barrier-free, accessible construction:** our flush-to-floor shower systems enable multigenerational use – no adaptation required.
- **Assured longevity:** reliable showers and bathrooms with high-quality surfaces – no need for frequent, resource-intensive renovation.
- **Protection against mould:** no water absorption – frequent renovations are anything but sustainable.

General product description

- The wedi building board is made of a blue extruded polystyrene rigid foam, which is reinforced on both sides with an alkali-resistant fiberglass fabric mesh and coated with a plastic-modified mortar.
- The wedi building board can be installed on almost any surface, is impermeable to water, thermally insulating, light and stable. It can be coated with plasters and tiles of all kinds. The wedi building board is particularly suitable for wet areas in spa and wellness facilities and is ideally suited for new build and renovation projects.
- As a tile backer board, it is equally used for floor and wall applications including partitioning.
- As a construction board, the wedi building board is perfect for constructing bathroom furniture such as washbasins, benches, niches and other storage solutions as well as loungers (with or without heating) for all types of wet areas.

Product characteristics

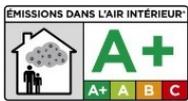
Material composition	The XPS foam consists of approx. 25% recycled content
Use & Production with flame retardants	Only HBCD-free products are used and produced by wedi
Waste disposal key	Mixed construction waste 17-06-04 & 17-09-04

In accordance with the EU chemicals regulation REACH, no substances from the SVHC candidate list, nor chlorinated paraffins, PBDE and TCEP are processed, or the permissible limit values are observed. Only halogen-free blowing agents are used in production.

Certificates & Approvals

Emissions

Glossary

French VOC emissions Classification-regulation and French KMR Emissions Ordinance	Criteria met A+ very low emission 	VOC stands for Volatile Organic Compounds. The VOC classification classifies construction products by their emission levels for interior use. They are classified as A+, A, B or C, where A+ is the best and C is the worst emission class.
VOC Regulation according to German AgBB scheme	Criteria met 	The Committee for Health Assessment of Building Products (AgBB) develops health-based testing and assessment criteria for the use of construction products.
Belgian VOC Emissions Ordinance for construction products	Criteria met	Based on the European Construction Products Ordinance, the Belgian Government issued a Royal Decree on „Determination of the limit values of emissions for the construction products for internal use“.
M1 Finnish emission labels for construction products	Criteria met 	The Finnish emission label for construction products is one of the leading test marks in the Scandinavian region.
VOC Label according to the criterion of the Sentinel Haus Institut	Criteria met 	Sentinel Haus Institut® GmbH tests construction products and creates concepts for healthy living environments.

Certificates & Approvals

EPD

Environmental product declaration according to ISO 14025 and EN 15804+a1

The EPD (Environmental Product Declaration) provides quantitative information of the environmental footprint of products throughout their entire life cycle and forms an important basis for the sustainability assessment of a building. Products with EPD certificates make a significant contribution to sustainable construction.



Owner of the declaration	wedi GmbH
Publisher	IBU – Institut Bauen und Umwelt e.V.
Program holder	IBU – Institut Bauen und Umwelt e.V.
Declaration number	EPD-WDI-20190016-IAA1-EN
Issue date	24.06.2019
Valid until	23.06.2024
Classification	OEKOBAU.DAT: 10.1.04 Composites / System components / Interior walls IBU Categories: 02 Construction products / Thermal insulation products / Insulation materials made of foam plastics

Building certification systems

German Society for Sustainable Building e.V. (DGNB)

The German Society for Sustainable Building e.V. (DGNB) honours structures that meet various criteria for sustainable, environmentally friendly and economically efficient construction. The certificate is awarded in platinum, gold, silver or bronze. In terms of content, the DGNB system is based on the life cycle assessment, performance orientation and the holistic nature of a project.

Criterion*	ENV1.1 Life Cycle Assessment of the building
Declared product acc. EPD	wedi building board, 1 m ² , thickness 20 mm
System limits of the ecological balance – Declared values acc. EPD	A1 RAW MATERIAL PROCUREMENT A2 TRANSPORT A3 PRODUCTION A5 ERECTION / INSTALLATION
Relevant cost groups (KG) acc. DIN 276	KG 325 Flooring, KG 345 interior wall coverings, KG 352 ceiling coverings, KG 353 ceiling coverings

* Version 2018

Certificates & Approvals

Criterion*	ENV1.2 Risks to the local environment
Criteria matrix	no. 40
Product type	Artificial foam insulation materials for buildings
Classification	QS 1 to 4, No use of halogenated blowing agents
Focus of action on the avoidance of considered substances	potent greenhouse gases

* Version 2018

Criterion*	TEC1.6 Decommissioning and recyclability
Relevant cost groups (KG) acc. DIN 276	KG 325 Flooring, KG 345 interior wall coverings, KG 352 ceiling coverings, KG 353 ceiling coverings
Recovery and Disposal routes	QS1 Energy recovery
Focus of action on the avoidance of considered substances	potent greenhouse gases

* Version 2018

Corporate sustainability aspects

Glossary

ISO14001	Criteria met 	The ISO 14001 standard specifies requirements for an environmental management system that enables a company to improve its environmental performance, meet legal and other obligations and achieve environmental objectives.
ISO50001	Criteria met 	The primary goal of an energy management system according to DIN 50001 is continuous support for improving energy-related performance in terms of energy efficiency, energy use and energy consumption. In addition, unexploited energy efficiency potentials should be tapped, energy costs and greenhouse gas emissions reduced.
EcoVadis	Bronze Medal 	Sustainable entrepreneurial action is becoming increasingly important in the supply chain. In 2020, the wedi Group undertook an extensive review by the international assessment platform EcoVadis. This platform covers the measures taken by companies on sustainability issues such as the environment, labour and human rights, ethics and sustainable procurement. With the examination, which must be documented with extensive documentation, and the subsequent evaluation by EcoVadis, we offer our customers and suppliers transparent information about our ecological, social and industrial activities. We achieved a bronze status, making us one of the top 50% of EcoVadis rated companies.

Holistic energy management

wedi is consistently on track with a whole series of measures. For example, we operate our production with 100% green electricity from hydropower (since 2013) and from our own photovoltaic system. Our trucks and vehicle fleet also use green electricity. A comprehensive energy-saving strategy ensures maximum efficiency in production.