

Environmental Data Sheet

BauderPIR FA-TE

Indoor and outdoor use under waterproofing



20/07/2026

The sustainability data sheet is valid for:

Bauder PIR FA-TE Flatboard Insulation

1. General information

Quality management (ISO 9001)	Certificate number 70499/03-24
Environmental management (ISO 14001)	Certificate number 70499/03-24_b
Energy management (ISO 50001)	Certificate number 70499/03-24_d
GISCODE	Not applicable
CE marking	Notified body: FIW München, 0751 EN 13165
Safety data sheet	Not applicable
EU-Taxonomy	Compliant
AgBB test	Fulfilled
PureLife	Emission tested
EPD according to DIN EN 15804	Industry-wide EPD: EPD-IVP-20240422-IBE1-EN

2. Ingredients and emissions

Reference standard	Substances considered	Classification
REACH	SVHCs	< 0.1 %
REACH	Halogenated blowing agents	Not present
REACH	Tris(2-chloroethyl) phosphate (TCEP)	Not present
REACH	Hexabromocyclododecane (HBCD)	Not present
REACH	Polybrominated diphenyl ethers (PBDE)	Not present
REACH	Polybrominated biphenyls (PBB)	Not present
REACH	Chlorinated paraffins (CPs)	Not present
DIN EN 16516	Formaldehyde	≤ 0.01 mg/m³
DIN EN 16516	Volatile organic compounds (VOCs)	≤ 0.1 mg/m³
DIN EN 16516	Total volatile organic compounds (TVOCs)	≤ 1.0 mg/m³
DIN EN 16516	Carcinogens (category 1A and 1B)	≤ 0.001 mg/m³

3.1. DGNB – German Sustainable Building Council

Criteria	Version	Requirement	Classification
ENV 1.2 Risks to the local environment	New Construction 2023	No requirements are placed on PIR rigid foam insulation materials	Quality level 4, because the product is not relevant for consideration.
TEC 1.6 Ease of dismantling and recycling	New Construction 2023	Evaluates regarding separability, dismantling, reusability and recyclability according to DGNB dismantling criteria	Declared application type: Loosely applied, mechanically fastened
			Ease of recycling Standard
			Ease of dismantling Easy to dismantle
			Effort to separate Slight
			Effort to dismantle Very low

3.2. QNG – Quality Label for Sustainable Building

Criteria	Version	Requirement	Classification
Avoidance of harmful substances in building materials	1.3 (14.09.2023)	Pos 1.1 Product documentation and declaration of contained SVHC > 0.10 %	Fulfilled
Avoidance of harmful substances in building materials	1.3 (14.09.2023)	Pos. 12.1. Free of halogenated blowing agents, TCEP in PUR/PIR ≤ 0.1%	Fulfilled

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3.3. BNB – Assessment System for Sustainable Building

Criteria	Version	Requirement		Classification
Risks to the local environment	New Construction 2015 (28.09.2017)	Pos. 32a Synthetic foam insulation materials for buildings and building services		Quality level 5
		QS 1	Documentation	
		QS 2 to 5	Free of halogenated blowing agents, TCEP in PUR/PIR < 0.1 %	

3.4. BREEAM – Building Research Establishment Environmental Assessment Method

Criteria	Version	Requirement	Classification	
Materials: Mat 02 Environmental product declarations	International New Construction V7	Existence of a valid and standard-compliant EPD	Fulfilled	Industry-wide EPD: EPD-IVP-20240422-IBE1-EN
Materials: Mat 03 Responsible sourcing of construction products	International New Construction V7	Certifications are available for responsible procurement or environmental management systems	Fulfilled	Environmental management ISO 14001 (70499/03-24_b)
Health and wellbeing: Hea 02 Indoor air quality	International New Construction V7	Formaldehyd $\leq 0.06 \text{ mg/m}^3$ TVOC $\leq 1.0 \text{ mg/m}^3$ Carcinogens (category 1A und 1B $\leq 0.001 \text{ mg/m}^3$)	Fulfilled	

3.5. LEED – Leadership in Energy and Environmental Design

Criteria	Version	Requirement	Classification	
Materials and Resources: Environmental Product Declarations	LEED v5	Existence of a valid and standard-compliant EPD	Fulfilled	Industry-wide EPD: EPD-IVP-20240422-IBE1-EN
Materials and Resources: Sourcing of Raw Materials	LEED v5	Recycled content	Pre-consumer: 0 % Post-consumer: 0 %	
Materials and Resources: Material Ingredients	LEED v5	The product does not contain any substances listed on the REACH Authorisation, Restriction and Candidate lists with concentrations above 100 ppm	Fulfilled	
Indoor Environmental Quality: Low-Emitting Materials	LEED v5	VOC-Emissions according to AgBB-Scheme	Fulfilled	

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4. Legal information

For undated references, the latest edition of the referenced document (including any amendments) applies.

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