



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14840-10-1001

Austrotherm UNIPLATTE®

Product group: XPS foam



Austrotherm Österreich GmbH
Friedrich Schmid-Straße 165
2754 Waldegg/Wopfing



Product qualities:



Köttner

Helmut Köttner
Scientific Director

Freiburg, 03 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.

Innenanwendung

Criteria	Product category	Harmful substance limit	Assessment
SHI Product Assessment	Insulation materials	TVOC $\leq 300 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 24 \mu\text{g}/\text{m}^3$	Indoor Air Quality Certified

Außenanwendung

Criteria	Product category	Assessment
SHI Product Assessment	Outdoor product	Not relevant for assessment



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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	12.1 Rigid plastic foam insulation boards and spray foams	Halogenated propellants / SVHC: HBCD, TCEP / emissions	QNG ready
Verification: Herstellererklärung vom 22.02.2026			



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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.

Innenanwendung

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

Außenanwendung

Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 03.05.2024 (3rd edition)	40 Synthetic foam insulation for buildings and building services	Halogenated propellants	Quality level 4

Verification: Herstellererklärung vom 22.02.2026



Criteria	No. / Relevant building components / construction materials / surfaces	Considered substances / aspects	Quality level
ENV 1.2 Local environmental impact, 29.05.2025 (4th edition)	40 Synthetic foam insulation for buildings	Halogenated propellants / SVHC: HBCD, TCEP / emissions	Quality level 4
Verification: Herstellererklärung vom 22.02.2026			



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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).

Innenanwendung

Criteria	Pos. / product type	Considered substance group	Quality level
1.1.6 Risiken für die lokale Umwelt	36b Mineral and non-mineral interior insulations	VOC / biocides / hazardous substances / individual hazardous substances (formaldehyde) / halogenated blowing agents	Quality level 4

Verification: AgBB-Prüfbericht des Eco Instituts Nr. B55498-001 vom 09.10.2020.
Herstellererklärung vom 22.02.2026

Außenanwendung

Criteria	Pos. / product type	Considered substance group	Quality level
1.1.6 Risiken für die lokale Umwelt	36a Mineral and non-mineral external wall insulations (external wall paints see Position 6, plasters see Position 35)	Biocides / hazardous substances / halogenated blowing agents	Quality level 3

Verification: Herstellererklärung vom 22.02.2026



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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.

Innenanwendung

Criteria	Product type	Considered substances	Assessment
DNSH - Pollution prevention and control		Substances according to Annex C, formaldehyde, carcinogenic VOCs category 1A/1B	EU taxonomy compliant
Verification: AgBB-Prüfbericht des Eco Instituts Nr. B55498-001 vom 09.10.2020. Herstellereklärung vom 22.02.2026			

Außenanwendung

Criteria	Product type	Considered substances	Assessment
DNSH - Pollution prevention and control		Substances according to Annex C	EU taxonomy compliant
Verification: Herstellereklärung vom 22.02.2026			



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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.

Innenanwendung

Criteria	Product category	Considered substances	Quality level
Hea 02 Indoor Air Quality	Ceiling, wall, and acoustic and thermal insulation materials	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality

Verification: AgBB-Prüfbericht des Eco Instituts Nr. B55498-001 vom 09.10.2020.

Außenanwendung

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.



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.



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

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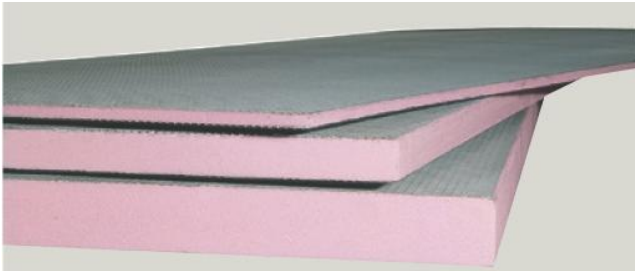


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Produktdatenblatt

Austrotherm UNIPLATTE®



Beschichtetes Trägerelement als Untergrund für die Fliesenverlegung. Austrotherm XPS® TOP-Dämmplatte, beidseitig mit kunststoffvergütetem Mörtel beschichtet und mit Textilglasgitter armiert.

- ▶ Raumhohes Fertigelement
- ▶ Fertiger Fliesenuntergrund
- ▶ Gestaltungsvielfalt
- ▶ Weitestgehend wasserunempfindlich

Anwendung:	In Nassbereich von: Sport- und Spieleinrichtungen, Schwimmbädern, in Duschen WC-Anlagen, Wellnessbereiche	
Lieferform:	Elementabmessungen:	1300 x 600 mm, 2600 x 600 mm
	Dicke:	4, 6, 10, 12.5, 20, 30, 40, 50, 60, 70, 100, 120 mm
	Oberfläche:	Beidseitige mit kunststoffvergütetem Mörtelbeschichtet und mit Textilglasgitter armiert.
Produktart:	Extrudierter Polystyrol Hartschaum als Kern	
Technische Daten: (Kernmaterial)	Wärmeleitfähigkeit:	0,036 W/mK (4 – 120mm)
	Mindestrohdichte:	≥ 25 kg/m³
	Druckspannung bei 10%:	CS(10/Y) 300 kPa = 30 t/m²
	Geschlossenzelligkeit:	≥ 95 %
	Elastizitätsmodul:	12 N/mm² – 12.000 kPa
	Wasseraufnahme Kapillar:	0
	Wasseraufnahme durch Diffusion:	WD(V)3 Vol.%
	Frost-Tau-Wechselbeständigkeit:	FTCD 1
Verarbeitung:	Brandverhalten EN 13501-1:	E
	Max. Anwendungsgrenztemperatur:	70°C

Austrotherm UNIPLATTE® enthält keine Fluorchlorkohlenwasserstoffe (FCKWs), HFCKWs, HBCD

Entwicklung und Anwendungstechnik
Bearbeitung: 10/2024

Unsere anwendungstechnischen Empfehlungen in Wort und Schrift, die wir zur Unterstützung des Käufers/Verarbeiters aufgrund unserer Erfahrungen, entsprechend dem derzeitigen Erkenntnisstand in Wissenschaft und Praxis geben, sind unverbindlich und begründen kein vertragliches Rechtsverhältnis und keine Nebenverpflichtungen aus dem Kaufvertrag. Sie entbinden den Käufer nicht davon, unsere Produkte auf ihre Eignung für den vorgesehenen Verwendungszweck selbst zu prüfen.



Austrotherm Österreich GmbH
Peter Schmid-Gasse 1
A-7423 Pinkafeld

SENTINEL HOLDING INSTITUT

22.02.2026

Herstellererklärung für XPS – Produkte

Hiermit bestätigen wir Ihnen, dass die angeführten Produkte:

Austrotherm XPS® TOP 30 SF TOP 30 TB SF	Austrotherm XPS® TOP Sockel
Austrotherm XPS® TOP 50 SF TOP 50 TB SF	Austrotherm XPS Universalplatte
Austrotherm XPS® TOP 70 SF TOP 70 TB SF	Austrotherm UNIPLATTE
Austrotherm XPS® PLUS 30 SF PLUS 30 P	Baumit Sockeldämmplatte XPS TOP
Austrotherm XPS® TOP P GK TOP TB GK	Baumit Sockeldämmplatte XPS Evolution
Austrotherm XPS® TOP 30 GK	

folgende Anforderungen erfüllen:

SVHC	der Gehalt an besonders besorgniserregenden Stoffen (SVHC) < 0,1 % Massenprozent beträgt
CMR	der Gehalt an CMR-Stoffe der Kategorie 1A/1B < 0,1 % Massenprozent beträgt
Halogenierte Treibmittel	nicht enthalten
HBCD	nicht enthalten

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Wopfung

22.01.2026

Ing. Joachim Zala, PM

Ort

Datum

Name, Funktion

Unterschrift