



The blaugelb Insulation Wedges EPS are an important and additional building block for effective sealing and window connection in accordance with the applicable regulations.



blaugelb Insulation Wedge EPS

The blaugelb Insulation Wedge EPS is part of the overall system of the blaugelb range for expert building element installation.


Product features:

The blaugelb Insulation Wedge EPS is made from an EPS (expanded polystyrene). The insulation wedges are sturdy, resistant and insensitive to moisture. Thanks to the material's outstanding thermal conductivity of 0.031 W/m*K, thermal bridges are prevented/minimised. Because of its low density and ease of processing, efficient and economical installation is assured.

Area of application – upper connection:

The blaugelb Insulation Wedge EPS is also outstandingly suitable for ventilated façades and cavity-wall masonry. Here the blaugelb Insulation Wedge EPS can be fitted above the upper horizontal bar, on the one hand preventing/minimising thermal bridges at this point and on the other hand assuring proper water drainage through the slope of the blaugelb Insulation Wedge. After fitting the blaugelb Insulation Wedge EPS, a film that is watertight against driving rain from the blaugelb range is installed over it. This makes water traps in the upper connection a thing of the past.

- 100 % recyclable, 100 % free of HCFCs, HFCs and HBCDs
- Cradle to Cradle Certified® at the Silver level
- Thermally insulating
- Easy to use
- Resistant to ageing

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For uses in the ventilated façade/cavity-wall masonry, the blaugelb Insulation Wedge EPS can be installed directly on the window frame/upper bar or alternatively in combination with the blaugelb Trio**therm**⁺ profiles.



Product benefits:

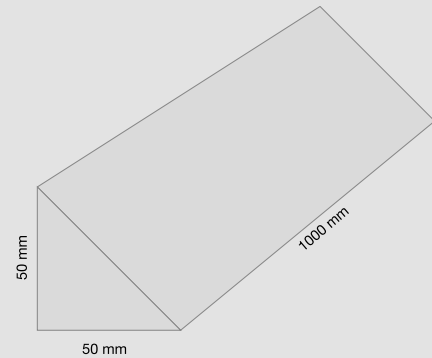
- 100 % recyclable
- 100 % HCFC, HFC and HBCD-free
- Enables sustainable construction thanks to reversibility of window sealing and fastening when renovating
- Low weight
- Thermally insulating
- Easy to use
- Resistant to ageing
- Insensitive to moisture
- Stable dimensions and volume
- Controlled water channelling around the upper connection
- Easy to process
- Tested to be very low in emissions according to EMICODE EC1 Plus
- Cradle to Cradle Certified® at the Silver level

Technical data:

Material:	EPS
Colour:	Grey
Fire behaviour: DIN 4102-1:1998-05	B2
Thermal conductivity rated value λ_{10} : DIN EN 12667:2001-05	0.031 W/m ² K
Water vapour diffusion resistance: DIN EN ISO 12572	30 – 70 μ
Bending strength: DIN EN 12089	≥ 170 kPa
Compression stress (10 % compression): DIN EN 13163:2015-04	≥ 120 kPa
Compression stress (2 % compression): DIN EN 13163:2015-04	$\geq 25 - 40$ kPa
Dimensional strength: DIN ISO 75-1	Short-term up to +95 °C Long-term up to +80 to +85 °C

Water absorption after 28 days under water: DIN 12087	3 – 4 vol. %
Compatibility with conventional building materials:	Compatible, except for solvents, solvent-bearing materials and materials that are not polystyrene-compatible
Ageing resistance:	Mould-proof, does not rot
Waste code:	Code no. 170604 Code no. 170904

Product name	PU	Item no.
blaugelb Insulation Wedge EPS 50x50x1000 mm	1 piece	0427697



Delivery and storage form:

Store in its original packaging. Current packaging: Use of a PE stretch film dyed white, UV-stable for 6 months made of POLYETHYLENE FS 340-03 and LL 118 BLEND.

Disposal:

According to Waste Catalogue Ordinance:
Code no. 170604 (single-grade insulating material EPS)
Code no. 170904 (mixed construction waste)

Safety note:

According to the available specifications and guidelines, the product is not a hazardous substance.