

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.

- 100 % recyclable
- 100 % HCFC, HFC and HBCD-free
- Thermally insulating
- Easy to use
- Resistant to ageing
- Insensitive to moisture
- Stable dimensions and volume
- Controlled water channelling around the upper connection

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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 0.04 W/m²K, 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 facades 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.

For uses in the ventilated facade/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:

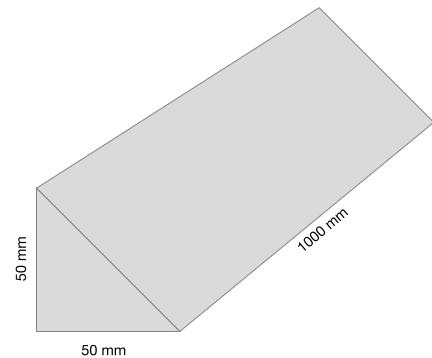
- 100 % recyclable
- 100 % HCFC, HFC and HBCD-free
- Enables sustainable construction thanks to reversibility of window sealing and fastening when renovating
- Low weight
- Thermally insulating
- Easy to use
- Resistant to ageing
- Insensitive to moisture
- Stable dimensions and volume
- Controlled water channelling around the upper connection
- Easy to process

The information provided in this document corresponds to the information and technical details available to the best of our knowledge. However, this does not constitute a guarantee pursuant to section 443 of the German Civil Code (BGB). Our processing instructions are to be considered only as general guidelines and may differ in the individual case due to the range of possible uses and applications. They do not therefore automatically exempt the user from carrying out their own tests. We reserve the right to make technical modifications and enhancements at any time.

Technical data:

Material:	EPS
Colour:	Grey
Fire behaviour: DIN 4102-1:1998-05	B2
Thermal conductivity nominal value λ_D : DIN EN 12667	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 periods up to +95°C Long periods 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)

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Safety note:

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