



Pressure-resistant, stable basis beneath the exterior window sill prevents cavities.



## blaugelb Insulation Sill Profile crush-resistant

For efficient sound deadening of the external window sill.

### Product features:

The blaugelb Insulation Sill Profile in crush-resistant design is characterised by a high absorption of forces and loads and can thus be installed at exit window sills on balconies and terraces. The use of the blaugelb Insulation Sill Profile crush-resistant creates a direct connection with the external window sill – there is no cavity between the exit window sill and the building structure. This ensures efficient sound deadening of the exit window sill and the use of an additional sound deadening strip is no longer necessary. The blaugelb Insulation Sill Profile crush-resistant has an inclination of 5°.

The blaugelb Insulation Sill Profile crush-resistant with recess already has a matching contour for quick, exact and form-fitting attachment to the exit window sills in the area of the window sill end caps.

Thanks to the quality level 4 from the DGNB (criteria matrix ENV1.2), the product can help the building to achieve a Platinum certification.

- Replaces the window sill bracket and the sound deadening strip
- Forms a second water-bearing layer
- Corresponds to DGNB quality level 4
- 100 % recyclable, 100 % free of HCFCs, HFCs and HBCDs
- Cradle to Cradle Certified® at the Silver level
- Tested to be extremely low in emissions according to EMICODE EC 1 Plus



**Applications:**

- Pressure-resistant base for window sills made from aluminium in ETICS systems
- Sound deadening of the exit window sill

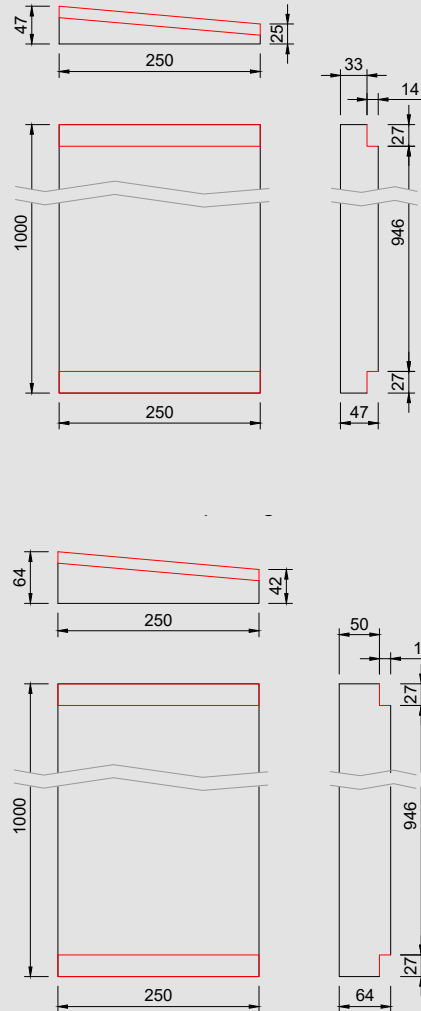
**Product benefits:**

- Replaces the window sill bracket and the sound deadening strip
- Forms a second water-bearing layer
- Corresponds to DGNB quality level 4
- Water-repellent EPS, with appropriate incline for aluminium and stone exterior window sills
- 100 % recyclable
- 100 % HCFC, HFC and HBCD-free
- Enables sustainable construction thanks to reversibility of window sealing and fastening when renovating
- Low weight and compatible with all ETICS systems made from EPS
- Easy to cut to the right length on site
- Insensitive to moisture
- Can be cut to shape precisely and with minimal dust
- Quick to process using a ready-made blaugelb Insulation Sill Profile with defined incline
- With the existing recesses, an exact and form-fitting attachment to the external window sill is possible in the area of the window sill end caps or the butt connectors
- Thermally insulating
- Resistant to ageing
- Stable dimensions and volume
- Cradle to Cradle Certified® at the Silver level
- Tested to be extremely low in emissions according to EMI-CODE EC 1 Plus

**Technical data:**

Material:	Water-repellent EPS
Colour:	Grey
Compressive load bearing capacity at max. total deformation of 2 %:	1,260 kg/dm <sup>2</sup>
Fire behaviour: <b>DIN 4102-1:1998-05 / DIN EN 13501-1:2019-05</b>	B2 / Class E
Thermal conductivity nominal value $\lambda_{10}$ : <b>DIN EN 12667:2001-05</b>	0.0403 W/m <sup>2</sup> *k
Air permeability: <b>EN 12207</b>	Class 4
Water vapour diffusion resistance: <b>DIN EN ISO 12086</b>	228 $\mu$
Bending strength: <b>DIN EN 12089</b>	$\geq 2,490$ kPa
Compression stress (2 % compression): <b>DIN EN DIN EN 13163:2017 / EN 826:2013-05</b>	$\geq 1,435$ kPa
Shear strength: <b>DIN EN ISO 14130</b>	0.217 N/mm <sup>2</sup>
Dimensional strength: <b>DIN ISO 75-1</b>	Short-term up to +95 °C Long-term up to +85 °C
Water absorption after 28 days under water: <b>DIN 12087</b>	$\leq 0,5$ vol. %
Screw withdrawal values: blaugelb Frame Screw Fix FK-T30 7.5 x L mm Screw-in depth 40 / 60 / 80 / 100 mm	$F_{FK,AZ}$ 1.33 / 2.20 / 2.87 / 3.76 kN
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 Sill Profile crush-resistant 25-47x250x1000 mm <b>with recess</b>	15 pieces	9308059
blaugelb Insulation Sill Profile crush-resistant 42-64x250x1000 mm <b>with recess</b>	15 pieces	9308058



**Mounting instructions:**

The connection between the blaugelb Insulation Sill Profile crush-resistant and the blaugelb Sill Connection Profile is made by applying two strands of the blaugelb Hybrid Polymer Power Fix on the side facing the sill connection profile. Apply thin strands of blaugelb Hybrid Polymer Power Fix in the direction of the inclination on the angled side of the blaugelb Insulation Sill Profile crush-resistant. In each case start at the right and left on the profile ends. All additional threads are to be applied at a maximum distance of 30 mm.

**Delivery and storage form:**

Store in its original packaging and dry.

**Disposal:**

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

blaugelb

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## Safety note:

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