

PC[®] 11 adhesive bitumen cold glue

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1. Description and area of application

PC[®] 11 is ready for use straight out of the can. It's a one-component adhesive bitumen based cold adhesive used to bond FOAMGLAS[®] boards, and in particular FOAMGLAS[®] READY BOARD / READY BLOCK onto profiled metal sheets.

PC[®] 11 is a permanent plastic-elastic, age-resistant glue, which has a good adhesive properties on various materials.



2. Application

2.1 Preparation of the substrate

The substrate must be dry, clean and free from oil and grease. No primer is necessary.

2.2 Preparation of the adhesive and application guideline

PC[®] 11 adhesive can be applied by trowel or with an adequate pump. The adhesive is typically applied in stripes on the crowns of the profiled metal sheet, and if required in the joints between the FOAMGLAS[®] boards,

2.3 Cleaning the tools and devices

The tools, pump and nozzle must be cleaned with white spirit to the manufacturer recommendations

2.4 Product Safety Notice

All material safety data sheets (MSDS) are available. They aim to ensure a safe handling of the product and correct disposal.

3. Type of delivery and storage

Container with 28 kg (net content)

Sausage 600 ml (net content)

Sausage 3.0 kg (net content) (8 units per packaging)

- Store in a cool and dry place in well-sealed packages.
- Protect from heat and direct sunlight.
- Keep away from open flames and sparks.



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4. Consumption

With 8 stripes of adhesive per meter: approx. coverage 1.0 kg/m²
 approx. 700 g/m² on the area,
 approx. 300 g/m² for joints between FOAMGLAS[®] materials).

These quantities are for guidance only; they depend on the properties of the substrate, the thickness of the FOAMGLAS[®] slabs, the application and site conditions, etc.

5. Key data

Type	One-component bituminous glue
Basis	Bitumen-solvent mix with filling material
Consistency	pasty
Service temperature (air + subsurface)	-30°C to + 80 °C
Application temperature	+5 °C to + 40 °C (do not apply on frozen substrate)
Processing time	approx. 5 to 30 mins
Surface drying time	approx. 12 hours
Depth drying time	several days
Mass density	1.22 kg/dm ³
Colour	black
Water vapour diffusion resistance	μ = approx. 50,000
Water solubility	insoluble after complete drying
Solvent	butylacetate < 14 %
Reaction to fire (EN 13501-1)	–
VOC	< 170 g/l
Giscode	–

The physical properties indicated above are average values, which are measured under typical conditions. These values may be influenced by the type of laying, the layer thickness and the atmospheric conditions during and after application. In particular drying times are affected by temperature, air humidity, direct sunlight, wind, etc.

Additional information can be found in our technical data sheets (TDS). Our liability and responsibility are guided exclusively by our general terms and conditions and are not expanded by the statement of our technical documents nor by the advice of our technical field service.