

PC[®] 600 Green one-component glue and sealant

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Date: 31.03.2015

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www.foamglas.com

1. Description and area of application

PC[®] 600 Green is a ready to use 1 component solvent and water free thixotropic polymer glue and sealant, based on natural oils and is used in the FOAMGLAS[®] compact roof system.

PC[®] 600 Green is used for the full bonding and close joints of FOAMGLAS[®] slabs or blocks on roofs and floors made from concrete, wood and steel.



2. Application

2.1 Preparation of the substrate

The substrate must be clean, free from grease, dust, oil, etc.

Ponding water must be removed but surface can/may be moist/damp. Surfaces soiled with formwork oil, etc., must be pre-treated accordingly. In that case Rubio Acrylbond Primer, specially developed for this type of glue, must be applied as the bonding agent

2.2 Preparing the glue or contact layer

PC[®] 600 Green is a ready-for-use one-component glue. Before use, the container is loosened. Before use the cold adhesive needs to be agitated with a timber batten.

2.3 Gluing FOAMGLAS[®] READY BLOCK or FOAMGLAS[®] TAPERED READY BLOCK

PC[®] 600 Green is applied with a specially adjusted rubber scraper (tooth size ~12mm) on the full surface of the bearing substrate. The side edges of every slab (side joints) are dipped in the cold glue, which was previously applied to the substrate. At a distance of about 3cm, the FOAMGLAS[®] READY BLOCKs are glued with staggered joints, by pressing them down onto the substrate (using a circular motion) and ensuring joints are sealed by pushing the edge sides together and diagonal insertion. A bitumen membrane can be torch applied directly on to the FOAMGLAS[®] READY BLOCK.

2.4 Cleaning the tools

The tools can be cleaned with solvents as well as turpentine oil or fuel, if done before drying. After drying tools can only be cleaned mechanically.

2.5 Product Safety Notice

Material safety data sheet (MSDS) is available. It aims to ensure a safe handling of the product and correct disposal.



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3. Type of delivery and storage

Container with 28 kg (net content)

Refill of 3 kg (net content)

Refill of 600 ml (net content)

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

4. Consumption

As glue (fully bonded): approx. 4.0 – 6.0 kg/m²

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 glue
Basis	Natural oils and other mineral substances but without fibres
Consistency	pasty
Service temperature	- 40 °C to + 90 °C
Application temperature (air + subsurface)	+ 5 °C to + 40 °C
Processing time	at 20 °C: several days
Surface drying time	several hours
Depth drying time	several days
Mass density	approx. 1.63 kg/dm ³
Color	green
Water vapor diffusion resistance	μ = approx. 2000
Water solubility	insoluble after complete drying
Solvent	-
Reaction to fire (EN 13501-1)	-
VOC	free
Giscode	BBP 20

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, sun irradiation, 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.