

PC[®] 164

Coating and glue compound

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Date: 31.03.2015

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www.foamglas.com

1. Description and area of application

PC[®] 164 is a solvent-free 1-component coating and glue on the basis of synthetic resin, which is specially designed for the application on FOAMGLAS[®] slabs. It is suitable indoors as a coating on FOAMGLAS[®] insulation for ceilings or walls. PC[®] 164 can also be used as a glue for indoor and outdoor applications.



2. Application

2.1 Preparation of the substrate

When using PC[®] 164 as a coating: After eventual leveling of the FOAMGLAS[®] slabs by grinding, the surface must be dust free. When using PC[®] 164 as glue: see 2.3.1.

2.2 Preparation of the product

PC[®] 164 is ready for use and is simply mixed before processing. No other products may be added to the PC[®] 164.

2.3 Application procedure

2.3.1 When using PC[®] 164 as glue

PC[®] 164 must be applied with a stainless steel notched (8 mm) trowel. The substrate in masonry or concrete must be clean, (surface) dry and bearing. Remove soiling substances and such that have a separating effect (e.g. formwork oil, dust) as well as protruding mortar burrs with a high-pressure cleaner, where necessary reinforce the surface with a suitable primer concentrate.

2.3.2 When using PC[®] 164 as a coating

Apply the coating at approximately 2 kg and embed the PC[®] 150 reinforcement tissue immediately, with an overlapping of 100 mm, and level again. The structure of the reinforcement must be easily visible. The PC[®] 164 coating must dry at least 48 hours (depending on humidity) before another coating is applied.

2.4 Cleaning the tools

At the end of work, the tools must be cleaned with water. The dry PC[®] 164 may be removed with cellulose solvents. Modules (windows, doors, etc.) cannot be cleaned with cellulose solvents and must be protected with self-adhesive tape.

2.5 Product Safety Notice

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



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3. Type of delivery and storage

Container with 25 kg (net content)

- Store cool and dry in well-closed containers.
- Protect against heat and direct sunlight.
- Protect against frost.

4. Consumption

As a coating: approx. 2-3 kg/m²

As full bonding adhesive, using a notched trowel: approx. 3.5 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	Thin-bed coating and glue
Basis	Dispersion adhesive on a liquid polymer dispersion base as well as mineral extenders, sands and additives
Consistency	pasty
Service temperature	- 20 °C to + 35 °C
Application temperature (air + basis surface)	+ 5 °C to + 25 °C
Application time	15 – 20 minutes (surface)
Drying time	between 20 minutes and several hours (depending on surrounding moisture)
Dehydration time	approx. 3 to 5 days depending on building moisture
Density	approx. 1.70 kg/dm ³
Colour	white
Water vapour diffusion resistance	μ = 300
Water solubility	insoluble after complete drying
Solvents	none
Reaction to fire (EN 13501-1)	-
VOC	free
Giscode	-

The physical properties indicated above are average values, which are measured under typical conditions. These values may be influenced by insufficient mixing, 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.