PC® EM Primer

1. Description and area of application

PC® EM is an odorless, viscous, solvent-free bitumen emulsion.
PC® EM is used as a primer when gluing FOAMGLAS® insulation boards on primed substrates such as concrete, masonry and plaster.



2. Application

2.1 Preparation of the substrate

The substrate must be clean and free from grease. PC® EM can be applied to dry or humid surfaces.

2.2. Preparation of the adhesive

Dilute PC® EM with water before use in the following ratio:
As a primer when using hot bitumen as adhesive:
Dilute material 1:3 parts of water (1 part PC® EM, 3 parts water).

As a primer when using bitumen cold adhesive PC® 56 or PC® 58:
Dilute material 1:10 parts of water (1 part PC® EM, 10 parts water).

2.3. Application procedure

The application can be made using a brush, roller, or spraying equipment.
When spraying PC® EM, measures against pollution by bitumen particles must be taken, in particular in the case of wind.
For facades, the spraying procedure is not recommended in general.

2.4 Cleaning the tools

If the PC®EM newly installed and wet, clean with water; if it is already dry, use white spirit.

2.5 Product Safety Notice

All safety data sheets (SDS) 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

PC® EM is supplied in a container with 5 kg net content

Store in a place that is dry, frost-free, sun and heat protected.
Minimum shelf-life, 12 months.

4. Consumption

See point 2.2.

5. Key data

Type	Viscous, solvent-free bitumen emulsion
Basis	Bitumen emulsion
Consistency	Liquid
Service temperature	- 15 °C to + 40 °C
Application temperature (air + subsurface)	Min. + 5 °C (not on frozen substrates)
Processing time	-
Depth drying time	Approx. 3 - 12 hours depending on temperature and humidity
Ash content	At 900°C approx. 14 weight %
Mass density	approx. 1.10 kg/dm^3
Colour	Black
Water vapour diffusion resistance	-
Water solubility	Insoluble after complete drying
Dry substance at 105°C	Approx. 53 weight %
Solvents	None
Reaction to fire (EN 13501-1)	-
Giscode	BBP 10

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, direct sunlight, wind, etc.

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