PC® 86T

1. DESCRIPTION AND USE

PC® 86T is a one-component bitumen based product, with fillers, offering a good resistance to high temperature
PC® 86T Bitumen Emulsion is suited for use on FOAMGLAS® cellular glass as a gap filler on open surface cells and as bedding compound in specific bearing applications.
PC® 86T has no heat flow and remains stable in a temperature range from -10°C to +90°C.

2. APPLICATION

2.1. Surface preparation
The surface to be insulated should be clean, dry and free from all traces of grease, rust, dust, oil, moisture, and scale.

2.2. Product preparation
PC® 86T is a one component product, ready for use. Only stirring before use is recommended.

2.3. Application method

2.3.1. As bedding compound
- PC® 86T is applied with a notched trowel onto the concrete surface, while pressing the FOAMGLAS® slabs into the fresh bitumen emulsion. The edges of already applied, adjacent slabs will be coated in order to fill the joints completely.
- Do not thin.
- Stir well to obtain a homogenous product.
- Keep drum closed when not in use.

2.3.2. As gap filler
- A single coat of PC® 86T will be applied, either by trowel or by glove.
- Do not thin.
- Stir well to obtain a homogenous product.
- Keep drum closed when not in use.

2.4. Cleaning the tools
Tools should be cleaned with mineral spirits or methylene chloride (non flammable).

2.5. Limitations
- Protect PC® 86T from freezing, both during storage and application.
- During application or between application and full cure, severe freezing conditions may cause cracks in the cured film.

2.6. Cautions
Avoid skin and eye contact.

3. AVAILABILITY AND STORAGE

3.1. Availability
Delivered in drums of 21.7 l.

3.2. Storage
Protect drums against frost and sun

4. PROPERTIES

Type :	bitumen based product
Service temperature range :	from -10°C to +90°C
Application temperature :	+5°C to +25°C
Drying time :	approximately 24 hours depending on porosity of substrate as well as ambient conditions.
Water vapour diffusion resistance factor :	μ = 20.000
Density :	1.15 kg/dm³
Colour :	black
Flash point (wet):	no flash point under water boiling point

The given physical properties are average values measured on products before leaving factory. They can be influenced by the application method, the thickness of the layer and the atmospheric conditions during the application and after it, more specifically temperature, relative humidity, sun, wind... The setting times are especially susceptible to these conditions.

5. COVERAGE

Applied as bedding with sealed joints : about 4.35 l/m²

As surface cell filler : about 1.75 l/m²

Quantities are given as an indication only; they depend to a great extent on the state of surface, the thickness of insulation, the sizes of FOAMGLAS® cellular glass slabs, the method of application, the workmanship, etc.