
1. DESCRIPTION AND USE

PC[®] 74 A2 is a dry factory-made mineral coating used as a non-combustible coating with glass fabric reinforcement and as an adhesive on FOAMGLAS[®] cellular glass.

It contains a mixture of special sands, cement and hydrated lime. PC[®] 74 A2 is mixed with

water; it is mainly used as a non-combustible coating on FOAMGLAS[®] cellular glass, e.g. in air conditioning installations and chilled water pipes.

The noncombustibility of PC[®] 74 A2 (classified A2 according to DIN 4102) is confirmed by a Technical Agreement.

2. APPLICATION

2.1 Pour about 5-6 liters of cold and clean water into a mortar mixer and progressively add the PC[®] 74 A2. Mix slowly with a strong stirrer until a mixture free from agglomerates is obtained. After about 10 minutes, rapidly stir one more time. If necessary, add some water.

2.2 When PC[®] 74 A2 is used as an adhesive, the masonry or concrete surface to be insulated must be clean, dry, good bearing and free from impurities, traces of oil and mortar edges.

2.3 When used as a coating, PC[®] 74 A2 is applied on the FOAMGLAS[®] surface with a spatula, in the width direction of the fabric (coverage: about 3 kg/m²). The PC[®] 150 or PC[®] 79G glass fabric is embedded with 7 to 10 cm overlapping at all seals and a second layer of PC[®] 74 A2 is applied (1 kg/m²) in order to completely cover the glass fabric.

2.4 Cleaning of the tools with water just after application.

2.5 Limitations: Ambient and surface temperatures cannot fall below +5 °C during application and drying phase. Application cannot be carried out in direct sunlight.

3. AVAILABILITY AND STORAGE

3.1 Packing unit: bag of 25 kg

3.2 If stored in a dry place, can be kept for 3 years (production date: see side). Protect from humidity (contains cement).

4. PROPERTIES


Type:	Mineral coating
Service temperature range:	-30 °C to +80 °C
Application temperature:	+5 °C to +35 °C during application until complete drying
Drying at 20 °C/65 %:	dry in surface after 24 hours, completely dry (capable of bearing) after 72 hours
Application time at 20 °C:	about 3-4 hours
Density:	Mixed (fresh) : 1.4 kg/dm ³ Cured coating: < 1.5 kg/dm ³
Colour:	light grey
Water vapour diffusion resistance factor:	$\mu \approx 15$
Fire reaction:	non combustible according to DIN 4102.
Solvent:	none

The given physical properties are average values measured on products before leaving factory. They can be influenced by insufficient stirring or mixing, 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

Coverage: about 4 kg/m² (as coating).

Quantities are given as an indication only, they depend to a great extent on the state of the surface, the thickness of insulation and the method of application.

 <p>The innovative insulation people</p>	Pittsburgh Corning GmbH (Austria)	Pittsburgh Corning Nederland B.V.	Pittsburgh Corning Schweiz A.G.	FOAMGLAS® Península Ibérica	Pittsburgh Corning Scandinavia ab.
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