

CONIFLOOR 340 FL

Two part PUR pore sealer, flame retardant, solvent free, low emission as pore sealer on rubber and foam mats

Product description

CONIFLOOR 340 FL is a solvent free, low emission, flame retardant, thixotropic, two-component PUR pore sealer.

Fields of application

CONIFLOOR 340 FL is used as a flame retardant pore sealer of pre-fabricated rubber granule mats

CONIFLOOR 340 FL is used for our flame retardant flooring system CONIFLOOR LPC+ fl.

Properties

CONIFLOOR 340 FL is thixotropic in its A-component has a long pot life and is easy to apply.

CONIFLOOR 340 FL cures without shrinkage.

Consumption

As guiding value, we can advise an approximate consumption of 0.7 – 0.9 kg/m².

Technical data

Mixing ratio	in parts by weight			100 : 22
Density	mix,	at 23 °C	g/cm ³	1.27
Viscosity	component A, at 23 °C		mPas	thixotropic
	component B, at 23 °C		mPas	200
	mix,	at 23 °C	mPas	thixotropic
Pot life	at 12 °C		min	105
	at 23 °C		min	60
	at 30 °C		min	45
Ready for foot traffic	at 23 °C and 50% relative humidity		h	10
Shore A-Hardness	after 24h at 23°C and 50% relative humidity			65
	after 28days			80
Substrate and application temperature	minimum		°C	10
	maximum		°C	30
Permissible relative humidity	maximum		%	75

Above figures are guide values and should not be used as a base for specifications!

Application method

CONIFLOOR 340 FL is supplied in the correct proportions of component A (resin) and component B (hardener). Pour component B into component A and ensure that the pail of part B is emptied completely.

To achieve a homogenous mix, thoroughly mix with a slow rotating mixing device at about 300 rev/min. Ensure that the mixing device reaches the side and bottom areas of the mixing vessel.

The mixing process takes approximately 2 - 3 minutes and should be performed until the blend is homogenous and streak free.

Pour the mix into another clean pail and mix it again for 2 additional minutes.

The temperature of both components should be between 15-25 °C.

When thoroughly mixed, the material is applied to the rubber granule mat fabric with a flat rubber or metal squeegee with rounded edges. In order to achieve the consumption rate indicated, pressure must be applied to the squeegee to tightly scrape off the material. The squeegee used should have rounded edges

The material consumption depends on the surface structure of the pre-fabricated granule mat as well as on the substrate, material and ambient temperature. As a guide value, we can advise a consumption of approximately 0.6-0.8 kg/m².

The pot life and curing time of CONIFLOOR 340 FL are influenced by the ambient, material and substrate temperature. At low temperatures, chemical reactions are generally slowed down; this lengthens the pot life, re-coating interval and open time. At the same time, the viscosity increases which leads to a higher consumption. High temperature and humidity accelerate chemical reactions so the contrary is true.

To fully cure the material, the substrate and working temperature must not fall below the minimum.

After application, CONIFLOOR 340 FL should be protected from direct contact with water for approx. 12 hours (at 15 °C). Within this period, contact with water may cause bubbles or foaming on the surface.

Important notice:

In case the re-coating interval of CONIFLOOR 340 FL is exceeded, grinding is mandatory.

Apply only as much CONIFLOOR 340 FL as can be re-coated during the maximum re-coating time.

Cleaning agent

Re-usable tools should be cleaned carefully with CLEANER 40 or other suitable solvents (e.g. butyl acetate).

Never use water or alcoholic solvents as cleaners.

Substrate condition

CONIFLOOR 340 FL is applied directly on the dry rubber granule or foam mat, which is free of loose and brittle particles as well as substances which impair adhesion such as oil, fat, rubber skid marks, dust or other contaminants.

Pack size

CONIFLOOR 340 FL is delivered in working packs of 25 kg. Components A and B are supplied in the correct proportion and delivered separately.

Colour

Grey

Storage

Store in original closed packing, under dry conditions at a temperature range of 5 - 25 °C.

Do not expose the packing to direct sunlight.

Before use, please see "best before" date on the pail / drum.

Safety precautions

CONIFLOOR 340 FL is non-hazardous in its cured condition.

For protective measures, transport regulations and waste management please refer to the Material Safety Data Sheet of the product.

VOC content

CONIFLOOR 340 FL meets the requirements of the EC directive 2004/42/EC.



CE-Label:

See Declaration of Performance.

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