

# 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/m<sup>2</sup>.

## Technical data

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

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

## Application method

Please also [note](#) the [information in our general processing guidelines](#).

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

## Consumption

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/m<sup>2</sup> per layer.

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.

The limit value for products ready for use (product type according to table IIA j Type sb) is:

Level II (from 2010) <500 g/l VOC.

When ready to use, this product contains less than 500 g/l VOC.



## CE and UKCA marking:

See Declaration of Performance

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