

CONIPUR 3350

Two Component, Self-Levelling, Low Emission PUR Coating for Sports Halls
Conform to the Requirements of the TÜV PROFiCERT-product Interior

Product description

CONIPUR 3350 is a two component, solvent free, self-levelling PUR coating.

Fields of application

CONIPUR 3350 is used as a coating on pre-fabricated PUR foam mats to install CONIPUR HG *premium* sports floors.

CONIPUR HG *premium* is a point-elastic sports floor, which meets the requirements of the TÜV PROFiCERT-product Interior.

Properties

CONIPUR 3350 exhibits high mechanical properties, good self-levelling and excellent de-aeration properties.

To improve the chemical resistance and light and colour stability, a sealing lacquer has to be applied on top of CONIPUR 3350.

Technical Data

Mixing ratio	in parts by weight			3.5 : 1
Density	mix,	at 23 °C	g/cm ³	approx 1.29
Viscosity	mix,	at 23 °C	mPas	approx 1500
Pot life	at 12 °C		min	approx 47
	at 23 °C		min	approx 31
	at 30 °C		min	approx 25
Re-coating interval / ready for foot traffic	at 23 °C and 50 % relative humidity		h	approx 8
Substrate and application temperature	minimum		°C	10
	maximum		°C	30
Permissible relative humidity	maximum		%	75
Shore A hardness	after 24 h, at 23 °C and 50 % relative humidity			65
	after 28 d			80
Tensile strength	DIN 53504		N/mm ²	7.0
Elongation at break	DIN 53504		%	150
Tear strength	DIN 53515		N/mm	15.0
<i>Above figures are guide values and must not be used as a base for specifications!</i>				

Application method

CONIPUR 3350 is supplied in the correct proportions of component A (resin) and component B (hardener).

The optimal [temperature](#) of the material before and during application is between [15](#) and [25 °C](#).

The [temperature](#) of the [substrate](#) must be at least [3°C](#) above the current dew point temperature.

Pour component B into component A and ensure that the pail containing component B is emptied completely. To achieve a [homogenous](#) mix, thoroughly mix with a slowly rotating mixing device at about 300 rev/min.

Ensure that the mixing device reaches side and bottom areas of the mixing vessel. The [mixing process](#) takes [at least 2 minutes](#) and must be performed until the blend is

homogenous and streak free. Pour the mix into another [clean](#) pail and [mix](#) it [again](#) for 1 additional minute.

CONIPUR 3350 is applied to the pre-treated substrate using a squeegee, scraper or a notched trowel.

The approximate [consumption](#) per m² is 1.3 kg per mm thickness of the coating

When working at the recommended ambient and substrate temperatures, it is [not](#) necessary to flame or to spike roll the coating in order to obtain a bubble free and well levelled surface.

Working life and curing time of CONIPUR 3350 are influenced by the ambient and substrate temperature. At low temperatures, the chemical reactions are slowed down; this lengthens the pot life, re-coating interval and open time. 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, the material must be protected from direct contact with water for approx. 12 hours (at 15 °C). Within this period, contact with water can cause foaming on the surface of the coating.

Cleaning agent

Re-usable tools must be cleaned carefully with CLEANER 40 or other suitable solvents (e.g. butyl acetate). Never use water or alcoholic solvents as cleaners!

Substrate condition

CONIPUR 3350 is applied to [pre-fabricated](#), pore sealed PUR foam mats.

In order to ensure a 100 % seal of the elastic layer our [pore sealer](#) CONIPUR 220 has to be applied in [2 layers](#) prior to the coating CONIPUR 3350. This eliminates the possibility of bubbles in the coating.

In case of coatings or pore sealers [older](#) than [3](#) days, grinding and cleaning with a 1:1 mixture of water : acetone of the surface is mandatory. After thoroughly drying a coating with CONIPUR 3350 is possible.

Substrates to be coated must be firm, dry, load bearing and free of loose and brittle particles and substances which impair adhesion such as oil, grease, rubber skid marks, paint or other contaminants.

The [temperature](#) of the [substrate](#) must be at least [3°C](#) above the current dew point temperature.

If the rubber [granule mat](#) is [thicker](#) than [10mm](#) or the sports hall is for [multipurpose](#) use, an additional [reinforcing fabric](#) must be installed to increase the impact resistance and prevent cracking. Fabrics are to be fixed to the resilient layer using CONIPUR 220 (see technical data sheet).

Pack size

CONIPUR 3350 is supplied in 25 kg working packs. Components A and B are supplied in the correct proportions and delivered separately.

Colour

Standard colours: RAL 6021 (green), RAL 7032 (grey), RAL 1001 (beige), RAL 5024 (blue) and oxide red. Other colours upon request.

Storage

Store in unopened pails under dry conditions at a temperature range of 5 - 25 °C.

Do not expose to direct sunlight. Part B is [sensitive](#) to [frost](#)!

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

Safety precautions

CONIPUR 3350 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.

CONIPUR 3350 meets the requirements of the EC directive 2004/42/EC.