

CONIPUR 2200

Two Component PUR Sealing Lacquer

Product description

CONIPUR 2200 is a pigmented solvent containing, low viscous, highly elastic, two component PUR satin finish sealing lacquer.

Fields of application

CONIPUR 2200 is used outside as a weathering resistant, highly elastic sealing lacquer for elastic CONIPUR coatings (structural spray coatings, EPDM surfaces or on with EPDM granules broadcasted coatings).

This top-coat serves as [UV protection](#) and at the same time it [improves](#) the [wear resistance](#). Furthermore, the adhesion of the granules is improved, cleaning and maintenance facilitated, run-off is improved. In addition, CONIPUR 2200 improves the visual appearance of the structured surface.

If an anti-slip improvement is needed, we recommend our CONIPUR 2210 with anti-skid feature.

Properties

CONIPUR 2200 exhibits good adhesion to non-porous substrates e.g. most elastic CONIPUR surfaces or EPDM granules.

CONIPUR 2200 is used to improve the UV resistance as well as the aesthetic appeal of elastic CONIPUR systems.

Fully cured, CONIPUR 2200 exhibits excellent mechanical properties and is resistant to water, sea and waste water, a variety of alkaline substances, diluted acids, brine, mineral oils, lubricants and fuels.

Technical Data

Mixing ratio	in parts by weight		100 : 19
Solid content		%	approx. 64
Density	component A, at 23 °C	g/cm ³	approx. 1.23
	component B, at 23 °C	g/cm ³	approx. 1.15
	mix, at 23 °C	g/cm ³	approx. 1.21
Viscosity (mix)	Brookfield Sp. 5/20rpm/23°C	mPas	approx. 1'500
Application time	at 23 °C	min	approx. 60
Re-coating interval	min. at 23 °C, 50% RH	h	24
	max. at 23 °C, 50% RH	d	3
Dust dry after	at 23 °C, 50% RH	h	approx. 1
Fast to handling	at 23 °C, 50% RH	h	approx. 5
Ready for foot traffic	at 23 °C, 50% RH	h	approx. 24
Fully cured, ready for exposure to traffic	at 23 °C, 50% RH	d	approx. 5
Substrate and application temperature	minimum	°C	10
	maximum	°C	30
Permissible relative humidity	maximum	%	80

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

Application method

CONIPUR 2200 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 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 **at least two 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 one additional minute.

CONIPUR 2200 is applied to the pre-treated substrate by **spraying** in **two coats** with an approximate consumption of total 0.30 kg/m².

CONIPUR 2200 is best sprayed by using an **airless** spraying machine. To obtain a uniform sealing lacquer on structured coatings (e.g. CONIPUR M, CONIPUR MX+, CONIPUR SW and CONIPUR SP), CONIPUR 2200 must be sprayed in **two coats** from **opposite** directions. This is the only way to ensure, that the granule is sealed from all sides.

The application on structured surfaces by rolling is not recommended, as these are too rough to obtain a homogenous, optically appealing surface.

For **smooth indoor** sports surfaces the material can be applied with a **paint roller** as well. Keep the overlap areas to a minimum. It is necessary to re-roll freshly applied material with a second clean paint roller in order to obtain a uniform surface with a minimum of overlap marks.

The pot life and curing time of CONIPUR 2200 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. Direct sunlight shortens the time frames considerably.

After application, the material must be protected from direct contact with water for approx. 10 hours (at 15 °C).

Within this period, water could cause foaming of the sealing lacquer.

If necessary, the **viscosity** of CONIPUR 2200 can be **reduced** by **adding** up to 10 % THINNER 32.

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 2200 is applied to highly elastic CONIPUR coatings or EPDM surfaces.

Substrates to be coated have to 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.

Pre-treatment of the substrate by e.g. grinding or sanding (smooth floors only) is only necessary if the coating is very dirty, when applied onto old coatings or if the re-coating interval has been exceeded.

The **temperature** of the **substrate** must be at least **3 °C** above the current dew point temperature.

Pack size

CONIPUR 2200 is supplied in 9.9 kg and 29.8 kg working packs. component A and B are supplied separately in the correct proportions.

Colour

oxide red, oxide green, RAL 5015, further colours on request.

Storage

Store in original closed packing under dry conditions at a temperature range of 15 - 25 °C.

Do not expose to direct sunlight.

Before use, please see "**best before**" date on the pail / drum. Though the delivery is arranged to be **one batch** for part A only please verify, that there is only one batch of part A on site.

Safety precautions

CONIPUR 2200 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 2200 meets the requirements of the EC directive 2004/42/EC.