

# CONIPUR 72

## Moisture Curing Single Component PUR Primer

### Product description

CONIPUR 72 is a moisture curing, solvent containing, single component PUR primer with low viscosity.

### Fields of application

CONIPUR 72 is used as an adhesion primer for outdoor CONIPUR systems when the re-coating time has been exceeded or for the re-topping of in-situ installed or prefabricated tracks.

Preliminary [adhesion tests](#) are mandatory.

### Properties

CONIPUR 72 exhibits good adhesion to many elastic substrates.

CONIPUR 72 is of very low viscosity and easy to apply. Due to its very quick cure it must be coated the same day.

The material reacts with humidity and eliminates carbon dioxide to produce a resistant, elastic film.

The yellowing which occurs when exposed to UV light does not affect its mechanical properties.

### Technical Data

<b>Density</b>	at 23 °C	g/cm <sup>3</sup>	approx. 1.0
<b>Viscosity</b>	at 23 °C	mPas	approx. 20 (± 10)
<b>NCO content</b>		%	approx. 7.2
<b>Maximum re-coating time</b>	at 10 °C	h	24
	at 23 °C	h	16
	at 30 °C	h	8
<b>Substrate and application temperature</b>	min.	°C	8
	max.	°C	40
<b>Recommended relative humidity</b>	min.	%	40
	max.	%	90

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

### Consumption

On the synthetic surfaces: 0.05-0.08 kg/m<sup>2</sup>

### Application method

CONIPUR 72 is a single component material.

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 the amount required from the drum into an application pack and **apply** it **immediately**.

CONIPUR 72 is applied to the pre-treated surface by **spraying**, using low pressure airless equipment. For **small areas** also a paint roller or brush can be used.

If the maximum quantity is exceeded, the material can foam. We therefore recommend **applying** a **thin** and **uniform layer**. Avoid puddles.

The working life and curing time of CONIPUR 72 is influenced by the ambient material and substrate temperature. At low temperatures, the 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 sunshine on the coating shortens the time frames considerably.

Apply only as much as can be re-coated during the **maximum** re-coating **time** (see technical data).

If **exceeding** this interval, a **new** thin **coat** of CONIPUR 72, with a max. consumption rate of max. 0.08 kg/m<sup>2</sup> has to be applied in order to avoid poor adhesion.

Allow for the entire evaporation of the solvent before applying any coating. The **next layer** can be applied when the **primer** becomes **sticky**.

After application, the material must be protected from direct contact with water. Within this period, adhesion of next coat could be impaired. After **rainfall**, the application of a **new coat** of **primer** is necessary.

### 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

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.

In any case, the **surface** has to be thoroughly **cleaned** by high pressure water jetting and be dry.

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

Mandatory **preliminary tests** might show the necessity to grind the surface and vacuum off the grinding dust prior to applying primer CONIPUR 72.

### Pack size

CONIPUR 72 is supplied in 180 kg drums or 18 kg pails.

### Colour

colourless to brownish

### Storage

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

Do not expose the drums to direct sunlight.

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

### Safety precautions

CONIPUR 72 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 72 meets the requirements of the EC directive 2004/42/EC.