

# CONIPUR 70

## Moisture Curing Single Component PUR Primer

### Product description

CONIPUR 70 is a moisture curing, solvent containing, single component PUR primer with low viscosity.

### Fields of application

CONIPUR 70 is used as a primer on bituminous substrates for sports surfaces.

### Properties

CONIPUR 70 shows good adhesion to non-porous substrates. It is of very low viscosity and therefore exhibits a high capillary activity.

CONIPUR 70 is easy to apply. The material reacts with humidity and eliminates carbon dioxide to produce a resistant, tough elastic film.

Fully cured, CONIPUR 70 exhibits excellent mechanical properties.

### Technical Data

<b>Density</b>	at 23 °C	g/cm <sup>3</sup>	approx. 0.97
<b>Solid density</b>		%	approx. 43
<b>Viscosity</b>	at 23 °C	mPas	27.5 (± 12.5)
<b>NCO content</b>		%	approx. 5.0
<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

Approx. 0.15 kg/m<sup>2</sup>

## Application method

CONIPUR 70 is a single component material. Pour the amount required from the pack into an application pack and **apply** it **immediately**.

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.

CONIPUR 70 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.

When exceeding the maximum coverage quantity, the material can foam and cure very slowly. We therefore recommend **applying** a **thin** and **uniform layer**. Avoid puddles.

The working life and curing time of CONIPUR 70 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 frame considerably.

The **next layer** can be applied when the **primer** becomes **sticky**.

Apply only as much as can be **re-coated** during the following **24 hours**.

If this interval is **exceeded**, a **new coat** of bonding agent has to be applied to avoid poor adherence.

After application, the material must be protected from direct contact with water. Within this period, adhesion of the next coat could be impaired.

## 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 and load bearing, 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.

## Pack size

CONIPUR 70 is supplied in 180 kg drums or 18 kg pails.

## Colour

straw coloured

## 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 70 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 70 meets the requirements of the EC directive 2004/42/EC.