

# CONIPROOF 165

## Moisture Curing Single Component PUR Primer

### Product description

CONIPROOF 165 is a moisture curing, solvent containing, single component and unpigmented PUR primer with low viscosity.

### Fields of application

CONIPROOF 165 is part of the waterproofing systems CONIPROOF SP or CONIPROOF SU and used as a primer on sand broadcast epoxy primer below the spray membrane CONIPROOF 401 or CONIPROOF 410.

The application as primer on existing aged membranes based on polyurethane is also possible.

### Properties

CONIPROOF 165 shows good adhesion to non-porous substrates. It is of very low viscosity and therefore exhibits a high capillary activity.

CONIPROOF 165 is easy to apply. The material reacts with humidity and eliminates carbon dioxide to produce a resistant, tough elastic film.

Fully cured, CONIPROOF 165 exhibits excellent mechanical properties.

### Technical Data

<b>Density</b>	at 23 °C		g/cm <sup>3</sup>	1.00
<b>Solid density</b>			%	55
<b>Viscosity</b>	at 23 °C		s	30
<b>Re-coating interval</b>	at 10 °C / 50% r. H.	minimum	h	3
		maximum	h	36
	at 20 °C / 50% r. H.	minimum	h	2
		maximum	h	24
	at 30 °C / 50% r. H.	minimum	h	1
		maximum		18
<b>Substrate and application temperature</b>	min.		°C	10
	max.		°C	40
<b>Recommended relative humidity</b>	min.		%	40
	max.		%	90

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

### Consumption

Approx. 0.08 until 0.10 kg/m<sup>2</sup>

### Application method

CONIPROOF 165 is a single component material. Pour the amount required from the pack into an application pack and **apply it immediately**.

The average material **temperature** should be + 15 - 25 °C.

CONIPROOF 165 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 CONIPROOF 165 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 should be protected from direct contact with water. Within this period, adhesion of the next coat could be impaired.

### 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

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

CONIPROOF 165 is supplied in plastic cans with 5.5 kg or 24 kg.

### Colour

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

CONIPROOF 165 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.

CONIPROOF 165 meets the requirements of the EC directive 2004/42/EC.