CONIPROOF 165

Single component PUR adhesion promoter, moisture curing, solvent based

Product description

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

Fields of application

CONIPROOF 165 is part of the waterproofing systems CONIPROOF SP and CONIPROOF SU, furthermore for the car park deck coating systems CONIPROOF PWC SP and PWC SU and other systems. It is used as an adhesion promoter on with sand broadcasted 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

Density	at 23 °C		g/cm³	1.00
Solid density			%	55
Viscosity	at 23 °C		s	30
Re-coating interval	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
Substrate and application temperature	min.		°C	10
	max.		°C	40
Recommended relative humidity	min.		%	40
	max.		%	90

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

Application method

Please also note the information in our general processing guidelines.

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 period considerably.

The next layer can be applied when the primer is fully cured (tack free).

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.

Consumption
Approx. 0.08 until 0.10 kg/m^2

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.

VOC Contents
CONIPROOF 165 meets the requirements of the EC directive 2004/42/EC.
The limit value for products ready for use (product type according to table IIA j Type sb) is:
Level II (from 2010) <500 g/l VOC.
When ready to use, this product contains less than 500 g/l VOC.

CE

CE Declaration of Performance

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