

# PU PRIMER 300 2K

## TWO COMPONENT POLYURETHANE BASED, MOISTURE TOLERANT PRIMER MATERIAL

### DESCRIPTION:

PU PRIMER 300 2K is a filled, two component, moisture tolerant, polyurethane based primer material.

### TYPICAL APPLICATIONS:

- ✓ Concrete
- ✓ Plaster
- ✓ Gypsum and cement panels
- ✓ Wood

### FEATURES AND ADVENTAGES:

- ✓ It is used on surfaces such as moist concrete.
- ✓ Easy to apply (by brush, roller or spray).
- ✓ Flexible.
- ✓ Fast Curing.
- ✓ Provides excellent adhesion.
- ✓ It is impregnated to the surface by covering very well and homogeneously.

### CONCRETE SUBSTRATE STANDARTS:

- ✓ Hardness R28 : 15 Mpa
- ✓ Humidity : W < 10%
- ✓ Temperature : +5°C and +30°C
- ✓ Relative Humidity : < 85%

For detailed information, please consult our technical department.

### APPLICATION PROCEDURE:

#### SURFACE PREPARATION:

Before the application, all the factors that may weaken adhesion such as oil, grease, paraffin wastes, cement grout, loose particles, mold release areas, cured old membranes should be removed from the surface. After washing the surface with high pressure water, it should be dried. Surface defects should be repaired with suitable products.

### APPLICATION:

Components A and B should be combined and mixed with a low speed mixer or by hand for 2-3 minutes. It should be applied without using thinning. The pot life of the mixture is 35 minutes at +20°C. The surface to be primed is applied by pouring the product until the entire surface is covered with a roller or brush. After the primer is cured after 6-12 hours, PU waterproofing material can be applied to the surface.

### APPLICATION REMARKS:

- ✓ Not recommended for unstable surfaces.
- ✓ It is not used for waterproofing of swimming pools with chemically treated water.

### CONSUMPTION:

Total consumption (minimum): 0,30 - 0,50 kg/m<sup>2</sup> dir.

### CLEANING:

After the application, all tools used should be cleaned with a suitable solvent. The rolls are for single use only. They are only for single use.

### PACKAGING AND COLOR:

It is in 13,5 kg (A component) and 4,5 kg (B component) metal buckets in gray color.

### STORAGE AND SHELF LIFE:

The product can be stored for a maximum of 12 months in its unopened original package at temperatures between +5°C and +25°C. Opened product should be used as soon as possible.

### PRECAUTIONS:

The product should be used in well ventilated environments. The product should not be in contact with open fire. Smoking should not be allowed during application. Protective gloves and masks should be used for hands and eyes during application. If the material comes into contact with eyes, it should be washed immediately with sufficient water. Adequate ventilation is required during application. For more detailed information, ask for Safety Data Sheet (MSDS) from CLEVER POLYMERS technical department.

## TECHNICAL DATA:

QUALIFICATION	METHOD	FEATURE
Coating Type	Clever Lab.	Two-component Polyurethane
Density	ASTM D 1475 / EN ISO 2811-1 (+20 °C)	1,20 gr/cm <sup>3</sup> (±0,05)
Viscosity	ASTM D 2196-86 / EN ISO 3219 (+25 °C)	200 - 300 cp
Application Temperature	Clever Lab.	+5 °C +30 °C
Thinning	Clever Lab.	Not recommended
Solid Content	Clever Lab.	%50(+/-5)
Hardness	ASTM D2240, DIN 53505, EN ISO R868	> 95 (Shore A)
Adhesion to Concrete	TSE EN 1542 (+23 °C)	> 2,5 N / mm <sup>2</sup>
Full Curing Time	25 °C, 55% RH	6 - 12 Hours

\* Viscosity measured at + 25 ° C according to EN ISO 3219 standards. Viscosity increases inversely with temperature.

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