

### DESCRIPTION

PU PRIMER 200 is a single component, polyurethane based primer material developed for all kind of surfaces.

### TYPICAL APPLICATIONS

- Concrete,
- Plaster,
- Gypsum, cement panels and wooden surfaces,
- Primer for polyurethane based waterproofing materials,
- Damp or wet concrete surfaces,
- Non-absorbent surfaces,
- Glass, metal and marble surfaces.

### FEATURES AND ADVANTAGES

- Easy to apply (brush, roller or spray).
- Fast curing.
- Excellent bonding with non-absorbent surfaces.
- Excellent adhesion.
- Covers the applied surface very well homogenously and it is impregnated.

### APPLICATION PROCEDURE

#### • SURFACE PREPARATION

Before the application, to ensure a good adhesion 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 and cracks should be repaired with suitable products.

#### • APPLICATION

Open the package and mix with a low-speed mixer for 2-3 minutes. It should be applied without thinning. Apply the primer to the substrate by pouring and spreading with a roller or brush. It is recommended to use airless spray on large surfaces. After 2-4 hours, PU waterproofing material or joint filler should be applied.

### APPLICATION REMARKS

- After PU PRIMER 200 is applied, it is absolutely necessary to apply PU waterproofing material before the surface totally cures.
- Not recommended for unstable surfaces.
- It is not used for waterproofing of swimming pools with chemically treated water.

### CONSUMPTION

Total Consumption (min.): 0,10 - 0,25 lt/m<sup>2</sup>

### CLEANING

After the application, all tools should be cleaned with CLEVER 001. Rollers and brushes should be disposed of.

### PACKAGING AND COLOR

It is transparent in 4 lt and 20 lt metal buckets.

### 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. For more detailed information, ask for the Safety Data Sheet (MSDS) from CLEVER POLYMERS technical department.



### TECHNICAL DATA

QUALIFICATION	METHOD	FEATURE
<b>Coating Type</b>	Clever Lab.	Single Component Polyurethane
<b>Density</b>	ASTM D 1475 / EN ISO 2811-1 (+20°C)	1,00 ± 0,05 gr/cm <sup>3</sup>
<b>Viscosity</b>	ASTM D 2196-86 / EN ISO 3219 (+25°C)	30 - 60 cp
<b>Application Temperature</b>	Clever Lab.	+5°C to +35°C
<b>Elongation at Break</b>	ASTM D 412 (+23 °C)	> 300
<b>Strength Tensile</b>	ASTM D 412 (+23 °C)	30 N/mm <sup>2</sup>
<b>Adhesion to Concrete</b>	TSE EN 1542 (+23°C)	> 4 N/mm <sup>2</sup>
<b>Tack Free Time</b>	25°C / 55% RH	3 - 6 hours
<b>Coating Time</b>	Clever Lab.	6 - 12 hours

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

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