

AQUA PU PRIMER 2K

Two Component, Low Viscosity,
PU Dispersion Based, Fast Drying Primer Membrane

DESCRIPTION

AQUA PU PRIMER 2K is a two component, low viscosity polyurethane dispersion based primer membrane.

TYPICAL APPLICATIONS

- As a primer in all kinds of polyurethane waterproofing systems,
- As a primer over all polyurea waterproofing systems,
- Indoors and outdoors.

FEATURES AND ADVANTAGES

- Easy application.
- 1:1 mixture by volume.
- Zero VOC value.
- Excellent adhesion strength.
- Able to be used on damp concrete.
- Fast drying.
- Easy to clean.
- Easy to apply indoors.
- Same day usage of waterproofing material.

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

Before application the packages should be opened and mixed with a low-speed mixer for 2-3 minutes. Then component A and B mixed together 2-3 minutes to get ready to be used. It should be applied minimum one layer with the help of roller or brush till the entire surface is covered.

APPLICATION REMARKS

- Not recommended for unstable surfaces.
- Surfaces exposed highly to sun should be damped.
- It should be applied in maximum 25 minutes after mixing.

CONSUMPTION

Total consumption (min): 0,15 - 0,20 lt/m²

CLEANING

After the application, all tools should be cleaned with water or suitable solvent. Rollers are disposable, cannot be used twice.

PACKAGING AND COLOR

A Component: 4 lt is brown in plastic bucket.

B Component: 4 lt is white in plastic bucket.

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
Coating Type	Clever Lab.	Two Component Polyurethane Dispersion
Density	ASTM D 1475 / EN ISO 2811-1 (+20°C)	1,10 gr/cm ³ (±0,05)
Viscosity	ASTM D 2196-86 / EN ISO 3219 (+25°C)	50 - 100 cp
Mixture Ratio	Clever Lab.	1:1 by volume
Application Temperature	Clever Lab.	between +5°C - +40°C
Pot Life	Clever Lab. 25°C / 55% RH	25 minutes
Adhesion to Concrete	TSE EN 1542 (+23°C)	> 3 N/mm ²
Tack Free Time	25°C / 55% RH	~1-2 hour
Recoat Time	Clever Lab.	2 - 24 hour

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



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