

DESCRIPTION

CLEVER PU PRIMER 300; is an one component transparent moisture tolerance primer.

FEATURES

- Excellent adhesion to many type of surfaces.
- Damp and humidty concrete.
- Easy application.
- Excellent elongation.
- Can penetrate perfectly on porous substrate.
- Dries in a very short time.
- Gives a smooth film after the penetration on the surface.

TYPICAL APPLICATIONS

- Porous concrete,
- Plaster,
- Gypsum and cement boards,
- Wood,
- Glass, metal and marbles.

SURFACE PREPARATION

All surfaces must be free of oil, grease and before the application. Clean the surface using a high pressure washer and remove oil, grease and wax contaminants, cement laitance, loose particles, mould release agents must be removed. Fill surface irregularities with the relevant product.

MIXING - THINNING

CLEVER PU PRIMER 300; Power first mix the portion to obtain a smooth, homogenous condition After the stirring is complete, then continue mixing slowly several minutes.

APPLICATION

CLEVER PU PRIMER 300; Use a low speed mixer until a homogenous mixture is achieved. Apply the mixture with a brush or a roller. Spray application is suggested for large areas. After 6-12 hours curing completed, polyurethane liquid membrane or sealant can be applied.

CONSUMPTION

Each layer min. : 0,10 kg/m²

Total min. consumption: 0,1 - 0,3 kg/m²

PACKAGING AND SHELF LIFE

4 Kg - 20 Kg

Can be kept for minimum 12 months in the original sealed pails in dry places and at temperatures of 5-25 °C. Once opened, use as soon as possible.

PRECAUTION

Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. Hands and eyes must be protected with gloves and protective glasses. Case of eye contact, rinse eyes with plenty of water for the material and consult a doctor immediately. Keep in mind that solvents are heavier than air so they creep on the floor. The MSDS (Material Safety Data Sheet) is available on request.

NOTE

This is not a specification and all information is given in good faith. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise, and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of the user. Manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions, consult Clever Polymers for detailed recommendations. The new edition of the technical data sheet supersedes the previous technical information and renders it invalid.

SPECIFICATION DATA

Coating type	1K Polyurethane Primer
Color	Transparent
Density ASTM D 1475/EN ISO 2811-1(20°)	0,9 - 1,0 g/cm ³ ±0.03
Viscosity ASTM D 2196/EN ISO 3219(25°)	10-50 cp
Packaging	4 Kg - 20 Kg
Application Temperature	+5 °C to +35°C
Thinner	Thinning is not recommended
Shelf Life	12 Months
Theoretical spreading rate	0,1-0,3 kg/m ²
Hardness ASTM D2240	95 (Shore A)
Elongation (23°C) ASTM D 412	%300
Adherence on Concrete (23°C)(ASTM D 903)	≥ 2,2 N/mm ²
Method of application	Airless spray, roller, brush
Drying Time Potlife and drying time depends on temperature and quantities mixed	23 °C , %55 RH Touch dry: 6 - 8 Hr Recoating: 8 - 24 Hrs Fully cured: 4 days

