

KEMSEAL SP1

DESCRIPTION

KEMSEAL SP1 is an one component, transparent PU based primer.

FEATURES

- Excellent adhesion.
- Easy application.
- 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,
- Asphalt & Most Single Ply Membranes
- Gypsum and cement boards,
- Wood,
- Masonry

SURFACE PREPARATION

All surfaces must be free of oil, grease and moisture 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

KEMSEAL SP1 Power mix the product first to obtain a smooth, homogenous mixture. After the stirring is complete, then continue mixing slowly several minutes.

APPLICATION

KEMSEAL SP1 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. Do not allow coating to remain in the application equipment longer than 1 hour. Flush out all application equipment whenever there is a delay in application.

COVERAGE

Will vary based on surface texture. Typically 150-400 sq.ft per gallon. (3-10 sqm per ltr.)

PACKAGING AND SHELF LIFE

4 Kg - 20 Kg

Can be kept for 12 months minimum in the original unopened 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.

SPECIFICATION DATA

Coating type	1K Polyurethane Primer
Color	Transparent
Density ASTM D 1475/EN ISO 2811-1(20°)	1,01 g/cm ³ ±0.03
Viscosity ASTM D 2196/EN ISO 3219(25°)	10-50cp
Packaging	4 Kg - 20 Kg
Application Temperature	+5 °C to +40°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)
Service Temperature	-5 °C to +80°C
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: 1 Hr Recoating: 4 Hrs Fully cured: 4 days
Clean Up	Xylene

NOTE

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Refer to most recent data sheet.