

ECMAPRIME PU

Single Component, Polyurethane Primer

Description

ECMAPRIME PU is single component, low viscous, moisture cured, high quality polyurethane primer used to promote the bonding and adhesion of Polyurethane/ Polyurea coatings or Polyurethane sealants to concrete or cementitious surfaces. ECMAPRIME PU has a long overcoat window as well as optimum adhesion characteristics. It begins curing when exposed to air.

Areas of Application

ECMAPRIME PU is used as a high-performance primer cum sealer coat on concrete & other porous surfaces or concrete joints to promote adhesion of waterproofing membranes, protective coatings and polyurethane sealants such as ECMACOAT FLEX PU 30, FLEX PU 40, FLEX PU 60, ECMACOAT FLEX PUR, ECMAFLEX PUF, ECMASEAL PU 1K, etc.

Advantages

- Easy Application by brush, roller or spray
- Low Viscosity primer will provide more coverage area
- Improve adhesion with concrete structure
- Faster Drying Time

Technical Specification

Appearance	Transparent to Amber
Physical State	Liquid
Specific Gravity at 27°C	1.06±0.02
Pot life at 27 °C, in Minutes	150 approx.
Touch Dry at 27°C, in Hrs.	4 - 6
Hard Dry at 27°C, in Hrs.	24
Full Cured at 27°C, in Hrs.	72
Coverage	5-6 m ² / kg depend upon surfaces

Surface Preparation

ECMAPRIME PU is designed to be applied with a brush or roller application without thinning. Before Application of ECMAPRIME PU surfaces should be cleaned properly and it should be free from dust, deposits, loosely adhered particles, oil, grease, paint residue, etc. For best result all surface should be clean by solvent to remove all oil and grease.



Precautions

- Unused material should not be left open
- Do not apply if rain is expected within 24 hours
- Do not dilute with water or any solvent and do not apply on wet surfaces.
- Do not apply over wet substrates.
- Do not apply when relative humidity exceeds 95%
- Do not apply without adequate air exchange and ventilation in enclosed areas.

Packaging

20 Kg Tin Containers

Shelf Life

Six Months when stored in original unopened sealed condition

Storage & Handling

Material should be stored in Cool, Dry and covered shade. Also protect it from Direct sunlight. Please avoid stacking of containers and handle carefully during transport.

Safety Precautions

Wear all PPE's at the of Application like Safety boot, Safety Goggle, Hand Gloves, Mask and avoided with contact of Skin and Eyes. Any direct skin contamination with the hardeners should be washed off immediately with soap and water.

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