

PU 40 PRIME

Low Viscosity Polyurethane Primer & Sealer

Product Description

PU 40 PRIME is a two component, solvent free, low viscosity polyurethane based primer and sealer. It is supplied in two components: Resin (A) and Curing Agent (B) when mixed and applied, will provide an excellent penetration on porous substrate with high adhesion to concrete and steel.

Typical Applications

- **PU 40 PRIME** is used as a primer for:
DC 240 COLOR
DC 1000 – D.GREY
THC 901
TF 202 – D.GREY
TF 900
EAMIFLOOR PU AL
EAMIFLOOR PU ALS
EAMIFLOOR PU AR
- It can be used as a sealing and impregnating agent on concrete, mortar, stone, plaster works, asbestos cement, and wood surfaces.

Product Features

- Easy to mix and to apply by brush or roller.
- Solvent free, odorless PU system.
- Excellent penetration on porous substrates.
- Excellent adhesion to concrete cementitious systems, timber and steel.
- High mechanical properties.

Guide for Application

Surface Preparation

All surfaces should be clean, dry, free from oil & grease and all loosely adhering particles that may affect the bond between PU 40 PRIME & the substrate.

Mixing

Pour the component B (Hardener) into the component A (Base) and mix for 2-3 minutes until uniform consistency is achieved. Do not mix partial quantities.

Application

Apply the mixed material to the prepared surface using brush or short haired quality wool roller. Avoid primer pounding to reduce exothermic effect, which will reduce the pot life. Apply specified sealant, Polyurethane floor coating within two hours (wet on wet).

- The sides of the joints must be sound, dry and free from oils, grease, dust ...etc
- Repair any defective parts by epoxy or polymer cement mortars and leave until full hardness.

Cleaning

Clean all tools and equipment immediately after use with EAMIC SOLVENT EP20.

Technical Properties

Appearance	Brush-able viscous liquid
Application temperature	5 - 35 °C.
Over coating Time	Within 10 hours@ 25 °C
Full cure	7 days@ 25 °C
Solid Content	100%
Compressive strength, (ASTM D 579)	60±10 N/mm ²
Abrasion resistance, (ASTM D 4060)	100 mg
Water Absorption, (ASTM D- 597)	0.05 %
Vapor transmission rate	0.3 gm / m ² / 24 hours
Bond Strength to concrete	>3 N /mm ² .

PU 40 PRIME

Packaging

PU 40 PRIME is supplied in pre-weighted 5 kg containers.

Coverage

Approximately (0.10 - 0.2 kg /m²)

Storage

PU 40 PRIME should be stored properly away from any direct flames or any source of heat.

Limitations

- Not recommended for unsound substrates.
- Not to be applied in a thick coat.

Shelf- Life

One year when stored properly in its original sealed package.

Health and Safety

- Avoid contact with skin / eyes, and avoid swallowing.
- Wear suitable protective clothing, gloves and eye protection.
- Ensure adequate ventilation and avoid inhalation of vapour.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Warranty

We warrant our products to be of good quality & manufactured to rigid standards. This Warranty is in lieu of any & all other warranties expressed or implied. This data sheet is published for information only. It is believed to be correct but no liability is accepted for it or the suitability of the product for any particular purpose. EAMIC TRETOL services are free & the company does not accept liability for any loss arising from it. Max liability is limited to substituting the same quality of material.

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