

PRIMESURE EPMI

Epoxy Based Primer

ASTRAL

TRUBUILD™

TECHNICAL DATA SHEET VER NO. N.1

Trubuild Primesure EPMI is a two-component, epoxy-based, solvent-free, moisture insensitive primer. This can be used as primer for PU, polyurea and PU Hybrid waterproofing coating.



FEATURES & ADVANTAGES



EXCELLENT BONDING



GOOD BRUSHABILITY



GOOD PENETRATION



MOISTURE RESISTANT

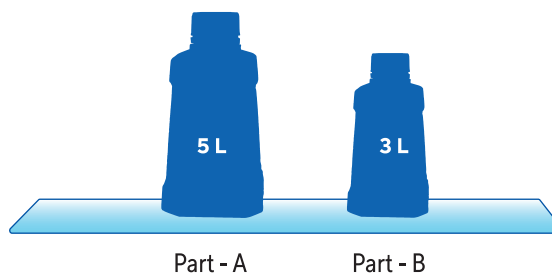
- Low viscous, hence good penetration
- Moisture resistant up to 5%
- Excellent bonding with substrate
- Good brushability, hence ease of application

AREAS OF APPLICATION



• Primer for concrete surfaces

PACKAGING



Part - A

Part - B

METHOD OF APPLICATION

Surface Preparation: Remove laitance, dirt, unsound plaster, concrete, oil, grease, curing compound, corrosion deposits & algae, etc. Roughen the surface by mechanical means like wire brushing, sand or grit blasting. Clean the surface by vacuum. Allow the surface water to dry. The strength of the concrete substrate should be minimum 20 MPa at 28 days.

Mixing:

The base & hardener components should be mixed separately in their individual packs. The entire content of the Part-B (hardener) should be poured into the Part-A (base) & thoroughly mixed using a slow speed stirrer /mixing paddle for 2-3 minutes

Application: After mixing, apply by brush or roller to the prepared surface and allow to cure.

Precautions & limitations:

- Application temperature range is 5°C to 35°C
- Do not dilute
- Not recommended for under water repairs
- Multiple coats to build thickness are not recommended

TECHNICAL DETAILS

PROPERTIES	STANDARD	RESULTS
Appearance	Visual	Translucent
Density at @ 25°C, gm/cc	In House	Approx. 0.95±0.02
Mixing ratio (resin Part A: hardener Part B, by wt).	-	1:0.6
Pot life at 30°C	Visual	60 min.
Tack free time at 30°C	Visual	Approx. 180 min.
Hard dry pullout strength after mixing (N/mm ²)	In House	>1
Mix viscosity, CPS @25°C after 2 min.	In House	Approx. 165

CLEANING

Application equipment should be thoroughly cleaned after use with toluene/xylene but if dries on tool, tools need to be cleaned by mechanical means. Spillages should be absorbed with sand, vermiculite or similar materials and be disposed in accordance with local regulations

COVERAGE

- Approx. 80-100 sqft/L.

Note: Coverage may vary due to porosity and undulation of the substrate.

HANDLING & STORAGE

HANDLING: Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For more details, please refer MSDS.

STORAGE: Container should be stored in a dry and cool area. Protect the material against moisture and direct sunlight. Storage temperature should be 20 to 30°C & the product should remain in its original, unopened container.

SHELF LIFE

12 months from the date of manufacturing

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