

TRUBUILD PRIMESURE EPMI

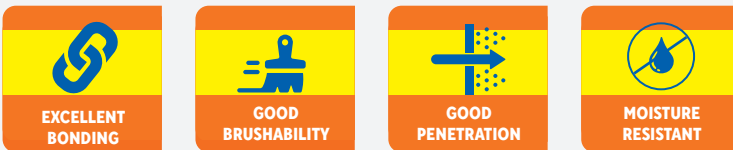
Epoxy Based Primer



TECHNICAL DATA SHEET
VER NO.11

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 water proofing coating.

ADVANTAGES



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



AREAS OF APPLICATION



APPLICATIONS

- Primer for concrete surfaces

AVAILABLE PACKING



HOW TO APPLY

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

TRUBUILD PRIMESURE EPMI

Epoxy Based Primer



TECHNICAL DATA SHEET
VER NO. 1.1

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

HANDLING PRECAUTIONS

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.

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

THEORETICAL COVERAGE

- Approx. 80-100 sqft/L.
NOTE- Coverage may vary due to porosity and undulation of the substrate.

SHELF LIFE

12 months from the date of manufacturing

DISCLAIMER: This technical data sheet replaces all previous versions of it from the immediate effect. The information, and, in particular, the recommendations relating to the application and end-use of Astral Ltd, construction chemical products, are given in good faith based on our knowledge and experience of the products when properly stored, handled and applied under suitable favourable conditions in accordance with application instructions recommended in product technical data sheet. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. For the products on which company is offering warranty, please refer to warranty document to know entire terms and conditions. The same can be availed on request or from company website. The values mentioned in the above tables in technical data sheet are obtained in controlled lab conditions when tested properly by competent laboratory. Tolerance up to five to ten percentage on the lower side from the above values are allowable. Astral Ltd. reserves the right to change the properties of its products without notice. The end user of the product must test the product's suitability for the intended application and purpose. Astral Ltd will not bear any responsibilities on the product failure if it is wrongly positioned or if improper application methodology is adopted by the user or the applicator. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product technical data sheet for the product concerned, copies of which will be supplied on request. No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, customer is responsible for determining whether products and the information in this document are appropriate for the customer's use and for ensuring that the customer's workplace, and disposal practices are in compliance with applicable laws and other governmental enactments.



ASTRAL LIMITED

CIN: U24295GJ2009PLC058120

Registered Office: 207/1, 'Astral House', B/h Rajpath Club, Off S.G. Highway, Ahmedabad-380059, Gujarat, India.

P: +91 79 6621 2000 | F: +91 79 6621 2121

E-mail: customercare@astraladhesives.com Website: www.trubuild.in