



## APCODUR EPOXY POLYAMIDE PRIMER

Two component, polyamide cured epoxy primer for concrete surface

- Designed for use as a primer for concrete surface
- Excellent water & corrosion resistance
- Good flow and wetting properties

- Good adhesion properties for subsequent coats
- Approved by Central Electro Chemical Research Institute, Karaikudi (CECRI) for concrete structures

### TECHNICAL DATA

Colour	Red oxide	Drying time at 30° C	Surface dry : 2 hours
Gloss	Matt		Hard dry : 24 hours
Volume Solids	Approx. 55 %	Over coating Interval at 30° C	Full cure : 7 days
Recommended DFT/ Coat	50 - 60 microns		Min. : 24 hours
Theoretical covering capacity	11.0 sq.mtr/ l @ 50 microns DFT 9.2 sq.mtr/ l @ 60 microns DFT	Shelf Life (cool and dry place)	Max.: 1 month, provided surface is dry and clean from all contamination
Flash point	Base : Not less than 24° C Hardener : Not less than 24° C		At least 12 months

### DIRECTIONS FOR USE

#### SURFACE PREPARATION & SUBSTRATE CONDITION:

- **New concrete surface;** ensure that the concrete surface is cured for minimum 3 months. In case of large areas and for severe exposure conditions, the surface has to be prepared by light blasting. In less critical areas where blasting is not practical, wire brushing has to be adopted to remove lattices, followed by treating with dilute (10%) hydrochloric acid. Remove acid and contaminants by liberal wash with water. Ensure that acid solution does not retain on the surface & joints. Allow the surface to dry thoroughly before applying primer
  - **Old concrete surface;** remove the surface contaminants like grease, oil etc., by solvent wiping or by 10% caustic solution. Preferably the surface has to be prepared by light blasting. In case, blasting is not practical, etch the surface to get a good profile by treating white dilute (10%) hydrochloric acid. Remove acid and contaminants by liberal wash with water. Ensure that acid solution does not retain and penetrate through the joints and concrete surface. Allow the surface to dry thoroughly before applying primer
- Surface should be thoroughly dry before application of primer. This will have a major influence on the performance of the coating**
- Surface temperature must be at least 3° C above dew point but not above 50° C

#### MIXING

Stir the base and hardener separately. If settling is observed in the base or hardener, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring as follows:

<b>Mixing Ratio</b> (by volume)	Base : Hardener 3 : 1	<b>Induction time</b> <b>Pot life at 30° C</b>	30 minutes 4 hours
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#### APPLICATION

Application Method	Brush/ Roller	Air Spray	Airless Spray
Recommended thinner	T - 121/ T - 141	T - 121/ T - 141	T - 121/ T - 141
Volume of thinner	0 - 10 %	10 - 25 %	0 - 15%
Nozzle Orifice		1.5 - 3.0 mm	0.33 - 0.41 mm
Nozzle pressure		0.3 - 0.4 MPa (= approx. 3 - 4 atm; 43 - 57 p.s.i.)	16 - 20 MPa (= approx. 160 - 200 atm; 2300 - 2800 p.s.i.)

### STORAGE & PACKING

Storage : Store in a cool, dry place. Store in accordance with local regulations.

Packing : 20 litres

### SAFETY INFORMATION

As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin & eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.

Please refer our Material Safety Data Sheet prior to using the product.

*Disclaimer: To the best of our knowledge the information provided herein are true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product.*

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