

# DANOPRIMER I-EPS



## Solvent Free Epoxy Primer

### DESCRIPTION

**DANOPRIMER I-EPS** is specially formulated solvent-free medium viscosity epoxy primer for use on concrete and masonry surfaces.

### USES

**DANOPRIMER I-EPS** is used as primer for TIKIDAN epoxy, PU and polyurea range of coatings and floor toppings.

**DANOPRIMER I-EPS** is also used as sealer coat over the TIKIDAN epoxy and PU range of underlays before application of polymeric overlays.

**DANOPRIMER I-EPS** can be mixed with fine sand or fine aggregates to produce epoxy repair putty or epoxy repair mortar of desired consistency to meet specific site requirement.

### ADVANTAGES

- Bonds strongly with the concrete, masonry, epoxy and polyurethane screeds and top coats
- High solids – high build in single coat.
- Promotes adhesion of epoxy, PU and polyurea floor toppings and coatings with various substrates.

### APPLICATION INSTRUCTIONS

The surface receiving primer should be clean and dry free of foreign particles.

Gradually mix resin and hardener component of **DANOPRIMER I-EPS** in equal proportion by volume. Apply mixed component by brush / spray and allow to cure.

### APPLICATION DATA

Mix Ratio, (R:H) Resin: Hardener	1 : 1 by Volume
Application	By Brush / Spray
Recommended Thickness	≥75 microns
Theoretical Coverage*	10m <sup>2</sup> /ltr/coat @100 microns

\*Coverage / Consumption is approximate and it depends upon the site conditions and surface porosity at the time of application.

### PROPERTIES OF MIX

Properties	Values	Test Standard
Solid Content by Weight	≥ 98%	ASTM D2369
Pot Life @ 27 <sup>0</sup> C	≥ 50 Minutes	ASTM D2471

### PROPERTIES OF APPLIED PRODUCT

Properties	Values	Test Standard
Tensile Strength	≥ 12 N/mm <sup>2</sup>	ASTM D638
Elongation	≥ 7%	ASTM D638
Dry Time @23 <sup>0</sup> C Tack Free Hard Dry	≥ 7 Hours ≥ 14 Hours	ASTM D1640
Pull Off Test (Adhesion) On M20 Grade Concrete	≥ 2 N/mm <sup>2</sup> Concrete Failure	ASTM D4541

### SUPPLY

**DANOPRIMER I-EPS** is supplied in 5 and 20 litre packs. It has a shelf life of 12 months when stored under the covered shed in sealed condition.

## CLEANING

Immediately after application of **DANOPRIMER I-EPS**, use suitable aromatic solvent for cleaning application tools.

## STORAGE

**DANOPRIMER I-EPS** must be stored above 5°C. Store under the shed & protect from extremes of temperature, heat, direct sunlight, sparks and children.

## SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **DANOPRIMER I-EPS** resistance to spilled chemicals. Stagnation of spilled chemicals should be avoided by wiping out the spillages as quick as possible.

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