



SCOPE – A two pack epoxy primer, Recommended as a priming coat for concrete and steel structurals of bridges, flyovers, fertilizers, chemical, power plants, hospital etc. due to excellent mechanical, waterproofing, thermal, electrical installation corrosion resistance and adhesive properties.

PRODUCT DATA

Type	: Two pack, cured with Polyamide
Contents	: Epoxy resin/titanium dioxide or Red Oxide of Iron / additives
Mixing Ratio	: Base/Catalyst – 3:1 by volume
Pot Life	: 4-6 hours
Application	: Brush/Airless Spray/Conventional Spray
Recommended DFT	: 50-65 microns per coat
Covering Rate	: 5-6 sq. mtr./Ltr.
Drying Time	: TOUCH: 2-4 hours
HARD	: 24 hours
Full Curing	: 6-7 days.
Flash Point	: Above 22 C
Colour	: White/Red oxide
Finish	: Low sheen
Packing	: 10Lit. / 20Lit.
Thinner / Clenear	: Thinner (ICO make)
Self Life	: Company's sealed container in covered shade under normal temperature and dry

condition up to twelve months.

PRECAUTIONS:

1. Do not overwork as wet
2. Do not apply when temperature falls below 10 C or rises above 50 C and when relative humidity rises above 90%. Do not apply during rain, fog or mist.
3. Brushes and spray equipment should be cleaned with Thinner otherwise equipment is likely to be damaged.

Safety : As a general rule inhalation of solvent vapors or paint mist, and contact of paint liquid with skin and eyes should be avoided. Forced ventilation should be provided when applying in confined area. In any case skin and eye protection is of at most importance

RESISTANCE GUIDE

EXPOSURES	SPLASH & SPILLAGE	OUTDOOR MILD FUMES RESISTANCE
Acids	Good	Good
Alkalis	Very Good	Very Good
Solvents	Very Good	Excellent
Salt	Very Good	Very Good
Water	Excellent	Excellent

TEMPERATURE RESISTANCE:

Continuous : 90 C	Intermittent : 110 C
Flexibility	: Very Good
Abrasion Resistance	: Excellent
Weatherability	: Excellent with recommended top coat.

SURFACE PREPARATION

- Clean the surface for oil, laitance and loose particles. See the surface is fully dried.
- The surface should be clean and dry before application.
- Before application insure that the new concrete is cured minimum for 90 days.

APPLICATION

- Stir the base thoroughly and then mix three parts of base and one part of catalyst to uniform consistency. Allow the mixture to mature of 25 minutes and stir well before and during application.
- Brush : Apply without thinning.
- Conventional Spray : Add upto 10% Thinner and use standard equipment at a pressure 3.5-4.9 kg./cm.

USES : Recommended as a priming coat for concrete and steel structural of bridges, flyovers, fertilizers, chemical, power plants, hospital etc.