

TECHNICAL DATA SHEET :

Product name : TWO PACK EPOXY High Build ZINC PHOSPHATE GREY PRIMER

Product Description : EPOXY Anticorrosive Primer

Recommended use : Steel Structures & Bus Body Structures , traction batteries, Chemical plants , MS Tanks, Machine tools & Transformers

Features :

- Excellent Adhesion Properties on MS and GI Surface
- High Performance Corrosion resistance
- Recoat ability with Epoxy Paint, Polyurethane Paint and Q.D. paint

Physical Properties :

Colour Shade	:	Grey
Volume Solids	:	48 (± 3 %)
D.F.T.	:	25 to 30 microns for one coat
Theoretical Coverage	:	4 to 5 sq. Meter per liter @ D.F.T. 50 μ
Flash point	:	Base - 26° C ; Hardner - 28° C
Sp. Gravity	:	Base 1.40 (± 0.1) kg / Ltr. Hardner 0.90 (± 0.05) kg / Ltr

Surface Preparation :

Surface to be coated should be completely clean, dry and free from contamination.

Remove oil & grease with suitable solvent or detergent

Remove rust, mill scale and other loose material by wire mesh / abrasive blasting

Performance Properties: Acid / Alkali Resistance- for 10% solution – 24 hours
Salt Spray – passes 300 hours @ D.F.T. 60-70 microns

Application :

- 1) Application Conditions : Ambient temperature shall be above 10°C and relative humidity shall be below 85%. Adequate ventilation shall be provided in confined spaces
- 2) Mixing : **Stir each component with mechanical stirrer before mixing**
- 3) Mixing ratio : Primer : 4 parts, Hardner : 1 part , Thinner : 1 part (by volume)
- 4) Application method : By air assisted spray gun
- 5) Pot Life : Minimum 5 hours at 30°C
(Pot life may be reduced at higher temperature)
- 6)Drying Time : Surface Dry – 15 to 20 minutes
Touch Dry – 1 to 1.5 hours
Hard Dry – 16-20 hours
- 7)Over coating : Minimum- 8 hours maximum – 7 days

Shelf Life : Base : 12 months; Hardner : 12 months from the date of mfg.