

## TECHNICAL DATA SHEET

### • DESCRIPTION:

It is two component high build epoxy anticorrosive primer containing zinc chromate anticorrosive pigment, cured with polyamide resin. Usually medium molecular weight epoxy resin use in base component which reacts with polyamide or phenalkamine hardner. After reaction it converted in hard unbreakable film.

### • FEATURES:

1. Excellent flexibility.
2. Good resistance to marine environment.
3. Excellent resistance to salt, alkali, acid solutions.
4. Excellent anticorrosive performance.
5. Outstanding toughness.
6. Excellent adhesion too many type of substrate.

### • APPLICATION AREAS:

Two pack epoxy red oxide primer use for protection & decoration of steel structures, pipeline, pharmaceutical industries, and chemical plants. It is ideal for protecting interior & exterior Machinery, Tanks and Bridges.

### • MIXING & APPLICATION:

1. Stir the base & hardner separately, if any settling observed at the base loosen the settle material with the help of stirrer.
2. Mix hardner slowly in to base as per recommended mixing ratio.
3. Stir well and make homogeneous mixture.
4. Adjust Spray viscosity by using recommended thinner (Application viscosity=20-25 seconds).
5. Otherwise use airless spray gun to achieve required DFT.
6. Mix mixture of base & hardner should be applying within pot life.
7. After application Spray gun must be clean properly to avoid further damage

**TECHNICAL DATA SHEET****• TECHNICAL SPECIFICATIONS:**

<b>SR. NO.</b>	<b>TEST</b>	<b>SPECIFICATIONS</b>
1	Application Area	M.S./CEMENT
2	Fineness of Grind	5+
3	Colour	Red Oxide
4	Viscosity	90±10 Seconds by Ford Cup B4 @30°C
5	Specific Gravity	1.40±0.10
6	Drying Time	
	Surface Dry	30-45 Min.
	Tack Free	3-4 Hrs.
	Hard Dry	Overnight
	Full Cure	7 Days
7	Finish	Smooth
8	Gloss	Matt
9	Dry Film Thickness	40-45 µ Per Coat
10	Covering Capacity (Practical)	5-6 sq.meter/liter
11	Scratch Hardness	2.5 Kg Passes
12	Mixing Ratio	Base : Hardner ( by volume) 4 : 1
13	Pot Life	4-5 Hrs.
14	Salt Spray Test (5% NaCl)	350 Hrs. Passes
15	Recommended Thinner	Sudarshan Make Thinner 127

## TECHNICAL DATA SHEET

- **DIRECTIONS FOR USE:**

- **SURFACE PREPARATION:**

1. Surface must be dry, clean & free from contaminants.
2. Remove oil, grease, dirt & other contaminants by solvent cleaning.
3. Surface also clean by using shot blasting method.

- **SAFETY PRECAUTIONS:**

1. Avoid contact with skin & eyes.
2. Proper ventilation provide in application areas.
3. Use Mask, Safety Shoes, Goggles, and Hand Gloves.

- **STORAGE:**

Paint must be store in cool, dry & ventilated place, stable under Normal condition.

- **SHELF LIFE:**

12 Months from the date of manufacturing.

- **PACKING SIZE:**

5L, 10L, 25L, etc.

- **DISCLAIMER:**

The information provided in technical data sheet is to the best of our knowledge correct but not all inclusive & without warranty. It is the user's responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of result is implied since conditions of use are beyond our control.

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