

TECHNICAL DATA SHEET

• **DESCRIPTION:**

This is two pack epoxy primer for metal surface based on zinc dust as main pigment which have excellent anticorrosive properties. This zinc rich epoxy primer must be recoated with primer or topcoat. This product is use to get higher film thickness in single coat application.

• **FEATURES:**

1. Excellent corrosion resistance in wide range of corrosive conditions.
2. Excellent resistance moisture
3. Good abrasion resistance.
4. Outstanding toughness.
5. Build high DFT in single coat.
6. Resistance to splash, spillage.

• **APPLICATION AREAS:**

This product is use as a heavy duty coat for structural steel in fertilizer plant, Water treatment plant, Pipelines, Refineries, Bulk handling equipment, overhead cranes, and power generation industries.

• **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

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• TECHNICAL SPECIFICATIONS:

SR. NO.	TEST	SPECIFICATIONS
1	Application Area	M.S./CEMENT
2	Fineness of Grind	5
3	Colour	Grey
4	Viscosity	Thixotropic
5	Specific Gravity	1.70±0.10
6	Drying Time	
	Surface Dry	30-45 Min.
	Tack Free	3-4 Hrs.
	Hard Dry	Overnight
	Full Cure	7 Days
7	Finish	Slightly Rough
8	Gloss	Matt
9	Covering Capacity (Practical)	3-4 sq.meter/liter
10	Dry Film Thickness	100-120 μ Per Coat
11	Scratch Hardness	2.00 Kg Passes
12	Mixing Ratio	Base : Hardner (By Volume) 4 : 1
13	Pot life	4-5 Hrs.
14	Salt Spray Test	810 Hrs. Passes
15	Recommended Thinner	Sudarshan Make Thinner 127

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• **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:**

10L, 20L, 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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