

TECHNICAL DATA SHEET

• DESCRIPTION:

This is 2 pack cold cure epoxy finish cured with polyamide/phenalkamine hardner. It is fast drying micaceous iron oxide pigmented high solid, high build product. Micaceous iron oxide enhances toughness, achieves good barrier & chemical resistance properties. This is an intermediate coat between epoxy primer & finish coat to build the overall dry film thickness for better protection of the surface from corrosion.

• FEATURES:

1. Excellent corrosion resistance in wide range of corrosive conditions.
2. Good resistance abrasion & impact.
3. Excellent resistance moisture & saline products.
4. Very good durability.
5. Outstanding toughness.

• APPLICATION AREAS:

This product is use as a heavy duty intermediate coat for structural steel in chemical industries, fertilizer plant, power plants, petrochemical plants, Pulp & paper mill. Recommended use for offshore environment.

• 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	100±30 Seconds
5	Specific Gravity	1.50±0.10
6	Drying Time	
	Surface Dry	Within 60 Min.
	Tack Free	3-4 Hrs.
	Hard Dry	Overnight
	Full Cure	7 Days
7	Finish	Smooth
8	Gloss	Matt
9	Dry Film Thickness	50-60 µ Per Coat
10	Covering Capacity (Practical)	4-5 sq.meter/liter
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 (5% NaCl)	350 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:**

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.

(THIS IS COMPUTER GENERATED TECHNICAL DATA SHEET IT DOESN'T REQUIRED SIGNATURE)

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