

TECHNICAL DATA SHEET

• DESCRIPTION:

It is two components high build anticorrosive primer, cured with isocyanate. This is ideal under coat for all structures in chemical environment. It is compatible with epoxy & polyurethane top coats.

• FEATURES:

1. Good weathering durability.
2. Non – yellowing & does not chalk easily.
3. Excellent resistance to mild solvent, acid & alkali.
4. Excellent resistance to water, detergent, oil.
5. Excellent anticorrosive performance.
6. Outstanding toughness.
7. Excellent adhesion too many type of substrate.

• APPLICATION AREAS:

This is suitable for use in Refineries, Petrochemical industries, Fertilizer plant, all type of chemical industries, Power plant, Transportation industries.

It is specially formulated for concrete, plastic, metal, ferrous & nonferrous substrate.

• 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

POLYURETHANE ZINC PHOSPHATE GREY PRIMER

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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	90±10 Seconds By Ford Cup B4 @30°C
5	Specific Gravity	1.40±0.10
6	Drying Time	
	Surface Dry	15 Min.
	Tack Free	1 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 15

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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.

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