

**KORRO-POL SYNTHETIC RED OXIDE ZINC PHOSHPATE PRIMER
(QUICK DRYING) AS PER IS:12744.**

SAILENT FEATURES	These Synthetic Red Oxide Zinc Phosphate Primes have very good Drying Time. They have very good corrosion resistance & Water Resistance.
RECOMMENDED USES	These Synthetic Red Oxide Zinc Phosphate Primers are used for Protection of Steel Structures both under marine and inland outdoor conditions.
DIRECTION FOR USE	Adequate Surface Preparation and proper application is of Particular importance for achieving proper finish and Adhesion. Make sure that the Surface / Substrate to be painted should be free of Oil, Dust, Grease or any other foreign particles to get optimum adhesion & Finish. It Is necessary that the surface should be thoroughly cleaned either by scraping or wire brushing or sand blasting.

TECHNICAL SPECIFICATION

Sr. No	Tests	Specifications
1.	Skinning / Settling	No Skinning, Nil or Soft Settling
2.	Supply Viscosity	60 ± 5 Sec @ 30°C OR as per customer specification
3.	Application By	Brush, Pot Gun or Air Less Spray Gun
4.	Application Viscosity	For Pot Spray Gun – 18 - 20 Sec. For Air Less Spray Gun – 22 - 25 Sec.
5.	Thinner Intake	0 to 10 % OR as per Customer Specification.
6.	Finish	Smooth, Uniform & free from Pin Holes & Orange Peels.
7.	Colour	That of Red Oxide, Close match to ISC – 446 of IS - 5
8.	Fineness of Grind	7 + Microns on Hegman Gauge
9.	Drying Time	Surface Dry – 15 – 20 Min. Tack Free – 30 – 45 Min. Hard Dry – 16 – 18 Hrs.
10.	Gloss	Matt to Egg Shell flat
11.	Specific Gravity	1.35± 0.03 Kg/Lit
12.	Pigment Content	Min 51 %
13.	Dry Film Thickness	25 – 30 Microns in Single Coat
14.	Theoretical Covering	12 - 14 M ² /Lit
15.	Practical Covering	10 - 12 M ² /Lit
16.	Scratch Hardness	1 – 2 Kg as per IS - 101

17.	Pencil Hardness	Passes for Min 2 H
18.	Cross Cut Adhesion	100% adhesion as per IS - 101
19.	Flexibility & Adhesion	No Such Scratch as to show bare metal
20.	Salt Spray Corrosion	After 96 Hrs. No Signs of Corrosion as per IS - 101
21.	Protection Against Corrosion Under Condensation.	After 168 Hrs. No Signs of Corrosion as per IS - 101
24.	Water Resistance	Film shall not show signs of blisters after 24 Hours of immersion in water.
25.	Flash Point	Not below 30 ⁰ C
27.	Shelf Life	12 Month in a Sealed Condition from the date of Manufacturing.

HEALTH & SAFETY

SAFETY PRECAUTIONS	<ul style="list-style-type: none"> • As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and air mask etc. • Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. • Eye should be flushed with fresh water. • Avoid inhalation of vapors and paint mist by wearing suitable air mask. • In the event of ingestion and eye contact, seek medical attention immediately. • Painting must be carried out in well-ventilated area. • This as industrial product contains flammable materials and should be kept away from ignition sources; local safety regulations should be followed.
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STORAGE & HANDLING

STORAGE	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed conditions under shed, away from direct sunlight and extreme temperature. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
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NOTE:-The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However as the product can be used under condition beyond our control, we can only guarantee the quality of the product itself.