

KORRO-POL SYNTHETIC ENAMEL FINISHED PAINTS AS PER IS - 2932

SAILENT FEATURES	These Synthetic Enamel Finished Paints have very good Drying Time. They have very good corrosion resistance, Acid Resistance, Alkali Resistance & Water Resistance.
RECOMMENDED USES	These Synthetic Enamel Finished Paints are used for Protection & Decoration of Steel Structures & Wooden Structures.
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	80 – 120 SEC By ford cup No 4 at 27 ± 2°C
3.	Application By	Brush, Pot Gun or Air Less Spray Gun
4.	Thinner Intake	0 to 10 % OR as per Customer Specification.
5.	Finish	Smooth, Uniform & free from Pin Holes & Orange Peels. Gloss Egg Shell Gloss to Glossy.
6.	Colour	Close match to the specified IS colour or to an agreed colour.
7.	Fineness of Grind	7 + Microns on Hegman Gauge
8.	Drying Time	Surface Dry – 3 - 4 Hrs. Tack Free – 7 – 8 Hrs. Hard Dry – Over Night
9.	Covering Capacity	10 – 12 Sq. M / Lit
10.	Gloss 60°	Above 71 Units
11.	Specific Gravity	1.05 ± 0.1 Kg/Lit
12.	Volume Solids %	Min 38 %
13.	Dry Film Thickness	25 – 40 Microns in Single Coat
14.	Theoretical Covering	8 – 10 M ² /Lit
15.	Practical Covering	5 – 6 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 ASTM D 3359
19.	Flexibility & Adhesion	No Such Scratch as to show bare metal after 48 hrs.

20.	Salt Spray Corrosion	After 96 Hrs. No Signs of Corrosion as per IS - 101
21.	Protection Against Corrosion Under Condensation.	After 96 Hrs. No Signs of Corrosion as per IS - 101
22.	Acid Resistance	Film shall not show signs of blisters, disintegration, or loss of gloss not more than 20% after 24 Hrs. on putting 10% HCL Solution.
23.	Alkali Resistance	Film shall not show signs of blisters, disintegration, or loss of gloss not more than 20% after 24 Hrs. on putting 10% NaOH Solution.
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
26.	Accelerated Storage Stability at 60°C	Testing for 96 Hrs. at 60°C, the viscosity of the paint shall not increase by more than 20%. The Paint film should be free from streaking, mottling and seeding.
27.	Keeping Property	12 month from the date of manufacturing under sealed conditions.

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.