



KORRO-POL HEAT RESISTANT ALUMINUM PAINT AS PER IS 13183

SAILENT FEATURES	These Heat Resistant Aluminum Paints have very good Drying Time. They have very good corrosion resistance, Water Resistance & Heat Resistance. They also have very good U. V. Resistance.
RECOMMENDED USES	These Heat Resistant Aluminum Paints are used for Painting & Protection of Chimneys, stacks, boiler, pipes and furnace 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. Before Application Please insured that at oven & there is no any contamination of water through the compressor.

TECHNICAL SPECIFICATION

Sr. No	Tests	Specifications
1.	Skinning / Settling	No Skinning, Nil or Soft Settling
2.	Supply Viscosity	45 ± 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, Bright & Uniform.
7.	Colour	Metallic Aluminum.
8.	Drying Time	Surface Dry – 45 – 60 Min. Tack Free – 2 – 3 Hrs. Hard Dry – Over Night.
10.	Specific Gravity	1.0± 0.3 Kg/Lit

11.	Volume Solids	Min 32 %
12.	Scratch Hardness	1 – 1.5 Kg as per IS - 101
13.	Pencil Hardness	Passes for Min 2 H
14.	Cross Cut Adhesion	100% adhesion.
15.	Flexibility & Adhesion	No Such Scratch as to show bare metal after 48 Hrs.
16.	Salt Spray Corrosion	After 168 Hrs. No Signs of Corrosion as per IS - 101
17.	Protection Against Corrosion Under Condensation.	After 168 Hrs. No Signs of Corrosion as per IS - 101
18.	Water Resistance	Film shall not show signs of blisters after 24 Hours of immersion in water for 2 Hrs.
19.	Flash Point	Not below 27 ⁰ C
20.	U.V. Resistance	After Keeping 96 Hrs. in U.V. Cabinet, Colour Change Should not be more than 20% of the original colour.
21.	Shelf Life	12 month from the date of manufacturing under sealed conditions.

Heat Resistant Paints available for 200°C, 400°C & 600°C.

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	<p>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.</p>
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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.