



## **YORA 58 TWO PACK EPOXY ZINC RICH PRIMER AS PER IS:14589**

<b>SAILENT FEATURES</b>	These Two Pack Epoxy Zinc Rich Primers have very good Chemical Resistance. It has Excellent water immersion resistance to fresh & salt water. It has Very good corrosion resistance.
<b>RECOMMENDED USES</b>	These Two Pack Epoxy Zinc Rich Primers used for Underground Steel Storage Tanks, Underground Steel Piping, In sewage & west water treatment plants, Petroleum refineries, chemical plants, pulp & paper mills, fertilizer plants.
<b>DIRECTION FOR USE</b>	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 thoroughly mix the two components (i.e. Base & Hardener) in a specified mixing ratio, & keep that mixture as it is for at least 30 minutes & then start the application. Used the Mixed paint within 6 Hrs from the time of the mixing.

### **TECHNICAL SPECIFICATION**

<b>Sr. No</b>	<b>Tests</b>	<b>Specifications</b>
1.	<b>Skinning / Settling</b>	No Skinning, Nil or Soft Settling
2.	<b>Supply Viscosity</b>	60 ± 5 Sec @ 30°C <b>OR</b> as per customer specification
3.	<b>Application By</b>	Brush, Pot Gun or Air Less Spray Gun
4.	<b>Mixing Ratio</b>	Base : Hardener 4 : 1 <b>OR</b> as per Customer Specification.
5.	<b>Application Viscosity</b>	For Pot Spray Gun – 18 - 20 Sec. For Air Less Spray Gun – 22 – 25 Sec.
6.	<b>Finish</b>	Smooth, Uniform, matt & free from Pin Holes & Orange Peels.
7.	<b>Colour</b>	Grey
8.	<b>Fineness of Grind</b>	20 Microns on Hegman Gauge
9.	<b>Drying Time</b>	20 – 30 Min.
10.	<b>Gloss</b>	Egg Shell Matt to Semi Glossy
11.	<b>Specific Gravity</b>	1.15 ± 0.1 Kg/Lit
12.	<b>Solid Content</b>	Min 45 %
13.	<b>Dry Film Thickness</b>	35 – 45 Microns in Single Coat
14.	<b>Theoretical Covering</b>	10 - 14 M <sup>2</sup> /Lit
15.	<b>Practical Covering</b>	5 – 6 M <sup>2</sup> /Lit



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16.	<b>Scratch Hardness</b>	2 – 3 Kg as per IS - 101
17.	<b>Pencil Hardness</b>	Passes for Min 2 H
18.	<b>Cross Cut Adhesion</b>	100% adhesion as per ASTM D 3359
19.	<b>Flexibility &amp; Adhesion</b>	No Such Scratch as to show bare metal
20.	<b>Salt Spray Corrosion</b>	After 360 Hrs. No Signs of Corrosion as per IS - 101
21.	<b>Protection Against Corrosion Under Condensation.</b>	After 360 Hrs. No Signs of Corrosion as per IS - 101
22.	<b>Water Resistance</b>	Film shall not show signs of blisters after 24 Hours of immersion in water.
23.	<b>Flash Point</b>	Not below 28°C
24.	<b>Pot Life</b>	Maximum 6 Hrs. from the time of the Mixing
25.	<b>Shelf Life</b>	6 Month in a Sealed Condition from the date of Manufacturing.

### **HEALTH & SAFETY**

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

<b>STORAGE</b>	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.