



## ZINCRICH

Anti corrosive Primer for exposed steel and concrete surface

### Description:

ZINCRICH contain high percentage of zinc dust as anti-corrosive pigments. Moreover, these primers give cathodic protection to metal from corrosion and abrasion. Due to high zinc dust content it gives around 50-60 micron dry film thicknesses in one coat. Further, the offered primers are appreciated for their film properties like scratch hardness, adhesion, resistance against salt spray. Further, this system is based on epoxy-polyamide resin.

### Uses:

- Steel surface
- Concrete surface

### Advantages:

- Combats corrosion
- Permanent protection to the steel structures
- Excellent adhesion to steel
- Time Saving-touch dry after 15 to 20 Minutes
- Exhibits excellent bond strength in cementitious repair.

### Product standard Compliance:

- ASTM B117
- ASTM D2247
- ASTM D 512: 2002

### Company Standard Compliance:



### Technical Information:

Properties	Specification
Appearance	Smokey grey liquid
Metallic zinc content ( ASTM D 6580 )	90 to 95%
Recommended thickness per coat	50 microns (dry)
Application thickness per coat	120 microns (wet)
Drying times - Touch dry (IS 101:1986)	10-15 minutes
Fully dry/ re-coatable: @ 20°C@ 35°C	50 minutes - 1 hour 20 - 45 minutes
VOC content	518g / litre

### Application Procedure:

- Corroded steel shall be fully exposed and all loose scale and corrosion deposits shall be removed.
- The corrosion due to presence of chlorides on the steel should be cleaned with water at very high pressure and allowed to dry.
- ZINCRICH is used as a primer on reinforced bars for anticorrosive system, on exterior surfaces of machinery, fertilizers tanks, and girders in industries.

- Before mixing, the contents of both the base and hardener have to be thoroughly stirred to disperse any settlement which may occur during storage.
- The entire contents of the hardener have to be mixed into the base and mix mechanically at approx. 300 rpm with a paddle arrangement for about 3 Minutes until a homogeneous mix is obtained Resin 3 parts hardener - 1 part by volume, Epoxy Thinner 1.5 - 2 parts.

**Cleaning:**

Clean all tools and equipment with cleaning agents REDWOP SOL immediately after use.

**Coverage:**

ZINCRICH will give coverage of 40 to 50 ft<sup>2</sup>/lit.

**Packaging:**

ZINCRICH is supplied in 20 lit pack.

**Storage & Shelf-life:**

1 year from the date of manufacturing if stored in cool dry place under shaded area and if unopened sealed pack condition surface after completion of the preparation work.

**Health & Safety:**

Specific care and attention should be paid to handling, storage and spill response of this product. Skin contact should be avoided .Any splashes should be washed well with water. If contact with eyes occurs wash immediately with water and take medical advice.

 <p>Indian Green Building Council</p>	<p>It is the practice of increasing efficiency with which buildings use resources- energy, water and materials-while reducing building impacts on human health and the environment.</p>
	<p>ISO 45001 is the world's international standard for occupational health and safety, issued to protect employees and visitors from work-related accidents and diseases.</p>
	<p>ISO 9001:2015 is a globally recognized standard for quality management systems (QMS). It helps organizations of all sizes and sectors to: Improve performance, Meet customer expectations, Demonstrate commitment to quality, and Identify and improve processes that lack consistency.</p>
	<p>ISO 14001 is the internationally recognized standard for environmental management systems (EMS). It provides a framework for organizations to design and implement an EMS, and continually improve their environmental performance</p>

	<p>This symbol is used to identify Redwop products which give off a low level of volatile organic compounds(VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.</p>
	<p>Our Commitment To The Environment Redwop products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.</p>
	<p>ISO/IEC 17025 enables laboratories to demonstrate that they operate competently and generate valid results, thereby promoting confidence in their work both nationally and around the world.</p>