

# FIBZINC (PRIMER)

## Anti Corrosion Primer

### DESCRIPTION

FIBZINC (PRIMER) is a two component, cold cure epoxy resin/metallic zinc blend system designed for use on reinforcing steel to protect it from continuous corrosion in exposed or high chloride contamination environments. It is recommended for application on blast-cleaned metal surface to impart cathodic protection to the base metal and providing much greater measure of surface protection than conventional primer.

### AREAS OF APPLICATION

- ▣ Beams and columns
- ▣ Parking decks
- ▣ Bridge decks
- ▣ Loading docks
- ▣ Pavements
- ▣ Suspended slabs
- ▣ Metal structure in corrosive environment

### FEATURES & BENEFITS

- ▣ Excellent long term protection of reinforcing steel.
- ▣ Easy to use and apply at the job site.
- ▣ Can be used in conjunction with epoxy topcoats.
- ▣ Long pot life for optimum working time.

### APPLICATION METHODOLOGY

#### SURFACE PREPARATION

The surface should be clean, dry, and free from rust and millscale. Blast cleaning is recommended where slightly corrosive conditions exist. Millscale should be removed for optimum performance. Hand or mechanical cleaning is not very effective.

### PRIMING

Blast cleaned surface should be primed within 4 hrs of blasting. Steel may be primed before or after fabrication. If primed before fabrication, apply primer in lower thickness, DFT not more than 50 microns and then again prime as per specification after fabrication to touch up welds, burnt and cut edges.

### OVER COATING

Zinc rich primer may be over coated with conventional paints or two-pack epoxy paints. Over-coating can be done after 6 - 8 hrs; however, it is recommended to coat after 12 - 24 hrs of application of primer to obtain superior performance

### TECHNICAL SPECIFICATIONS

Total Zinc in Dry Film	:	65% min
Type	:	Cold cured (chemically cured)
Pot Life	:	3 ½ - 4 ½ hrs
Specific Gravity	:	Drying time
Surface dry	:	1-1.5 hrs



Application	:	Brush, conventional or airless spray
Covering Capacity	:	5 to 6 m <sup>2</sup> /litre
Dry Film Thickness	:	35 microns
Colour	:	Grey
Finish	:	Matt
Toxicity	:	Non-toxic
Compatibility	:	Compatible with chlorinated paints, epoxy paints etc

## PRECAUTIONS

- ▣ Do not apply when temperature fall below 10oC or when relative humidity rises above 90% or during rain, fog & moist.
- ▣ For airless spraying tip size 0.38 -0.48 mm, Pressure 110 - 160 kg/cm<sup>2</sup>, Pump ratio 23:1.
- ▣ Brushes and spray equipment should be cleaned with Xylene or toluene or otherwise equipment is liable to be damaged.

## PACKAGING

Available in 5 & 20kg

**WARRANTY** : Fibrex Construction chemicals Pvt.Ltd ("Fibrex") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Fibrex, no other representations or statements made by Fibrex or its representatives, in writing or orally, shall alter this warranty. FIBREX MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Fibrex product fails to conform with this warranty Fibrex will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Fibrex does not authorize anyone on its behalf to make any written or oral statements which in any way alter Fibrex's installation information or instructions in its product literature or on its packaging labels. Any installation of Fibrex products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Fibrex's products for the Buyer's intended purposes.