



Dr. Fixit Epoxy Zinc Primer

FOR CATHODIC PROTECTION TO RE-BARS & STEEL SURFACES

Description

Dr. Fixit Epoxy Zinc Primer is a two-component system based on metallic Zinc and epoxy resin, hardener & additives which on mixing gives a grey coloured liquid. Dr. Fixit Epoxy Zinc Primer is recommended for coating on steel reinforcement or steel surfaces as an anti corrosion primer. The product actively resists corrosion within the confines of the repair location and avoids the generation of incipient anodes in immediately adjacent locations.

Areas of Application

For coating of re-bars and steel surfaces.

Features & Benefits

- Passivation - Active zinc-rich system combats corrosion by electro chemicals means.
- Ease of application - Easy to mix & applicable by brush or spray.
- Time saving - Saves time because it dries quickly (touch dry time 15 to 45 minutes).
- Compatibility - Excellent compatibility and suitable primer for steel surfaces and can be over coated by epoxy or polyurethane coatings.
- Bonding - Bonds strongly to cement concrete & mortars.
- Chemical resistance - Resistance to commonly used acids & alkali.

Method of Application

1 SURFACE PREPARATION

- Expose fully any corroded steel in the repair area and remove all loose scale and corrosion deposits. Care should be taken to clean the back side of exposed steel bars as well. Grit blasting is recommended for this purpose.
- The application of Dr. Fixit Epoxy Zinc Primer must take place immediately on a dry steel surface after completion of the preparation work and not later than three hours.

2 APPLICATION

- Apply first coat of Dr. Fixit Epoxy Zinc Primer using a suitable brush, making sure that the back of exposed steel reinforcement bars are properly covered.
- Apply second coat, in case of any discontinuity in the first coat, after drying of first coat for minimum 1 hour.
- The primed surface should not be left exposed for a longer time. The application of concrete repair material should proceed as soon as the Dr. Fixit Epoxy Zinc Primer is fully dried.

Precautions & Limitations

- Dr. Fixit Epoxy Zinc Primer should not be applied when the temperature is below 10°C & is above 40°C.
- It is flammable so prevent from naked flame.
- Keep away from source of ignition.
- In case needed, fire extinguish with CO² or foam extinguisher.



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Technical Information

PROPERTIES	RESULTS
Test Temp (°C)	30°C
Pot life of mixed material @30°C (minutes)	150
Specific gravity (g/cc)	2.1 +/-0.1
Thickness of application (W.F.T), microns	70 - 75 per coat
Inter coat time @30°C, (Hour)	1
Flash point, (°C)	16
Hard drying time (hrs.)	24
Full cure (days)	7

Packing 1 ltr

Coverage

Coverage rate will be 6 m² / ltr at DFT of 100 microns in 2 coats

Health & Safety Precautions

- Like for all chemical products, caution should always be exercised. Protective clothings such as gloves and goggles should be worn.
- Treat any contact to the skin or eyes with fresh water immediately.
- Should the product be accidentally swallowed, do not induce vomiting but call for medical assistance immediately.

Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals



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