



Repair Pro Dr. Fixit Zinc Rich Primer

FOR CATHODIC PROTECTION TO RE-BARS & STEEL SURFACES

Description

Dr. Fixit Zinc Rich Epoxy Primer is supplied as a single component grey-coloured liquid based on metallic zinc and epoxy resins, provide active galvanic protection to steel. Recommended for use where chloride induced attack on steel and anti-corrosion primer for exposed steel reinforcement. The product provides a barrier to further corrosive elements such as chlorides attacking the steel & concrete.

Standard Compliance / Specification

Dr. Fixit Zinc Rich Epoxy Primer is formulated to meet scope of BS 4652 1995 Specification for Metallic Zinc Rich Priming paint Type 2.

Areas of Application

For coating of re-bars and steel surfaces.

Features & Benefits

- Passivation - Active rich system combats corrosion by electro chemicals means.
- Ease of application - Easy applicable by brush or spray.
- 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.
- Economical - single component ensures almost no waste.

Method of Application

1 SURFACE PREPARATION

- In case of heavy rusting of steel reinforcement, M.S. pipelines, M.S. plates or any other M.S. surface, remove the loose rust by wire brushing, chipping, hammering or grinding so that majority of rust scale is removed.
- Apply Dr. Fixit Rust Remover on affected surface by using cotton waste swab or by brush application.
- Leave the surface to react with Dr. Fixit Rust Remover for at least 15 to 30 minutes.
- The rusty surface will change its colour to original blackish steel, remove the same with cotton cloth.
- Then remove the loose rust particles by scrubbing or simple dusting with the brush.
- Wash the steel surface with water jetty to remove all the acidic residue left on the bar, and clean with cotton cloth.

2 APPLICATION

- Apply first coat of Dr. Fixit Zinc Rich Primer using a suitable brush, making sure that the back of exposed steel reinforcement bars are properly covered.
- Apply second coat if required, 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 Zinc Rich Primer is fully dried.

Precautions & Limitations

- Dr. Fixit Zinc Rich 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.
- Mix Dr. Fixit Zinc Rich Primer for 3 - 5 minute period with rigid spatula, putty knife before application.



Technical Information

PROPERTIES	RESULTS
Test Temp (°C)	30°C
Specific gravity (g/cc)	1.85 ± 0.05
Thickness of application (W.F.T), microns	100 - 120 per coat
Inter coat time @30°C, (Hour)	1
Hard drying time (hrs.)	24
Full cure (days)	7

Theoretical Coverage

Coverage rate will be 6 m² /lit/coat at DFT of 50 microns.

Packaging

1 Litre

Shelf Life & Storage

- This product can be stored for 12 months in unopened containers stored at (10-30°C).

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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