

ReArm Coat ZP

(Formerly known as MYK COAT ZP)

Zinc Rich Epoxy Primer



TECHNICAL DATA SHEET

Product Description

ReArm Coat ZP is a two component system based on metallic Zinc and Epoxy resin system. ReArm Coat ZP is a two-component anti-corrosion primer for reinforced steel in concrete as well as structural repair. it actively resists corrosion within the confines of the repair location.

Uses

Used as a primer on reinforced bars for anticorrosive System and in concrete repairs

Also, can be used on exterior surfaces as a coating of

- Machinery,
- Fertilizers tanks,
- Metal Structural girders,
- Metal gate and railings

Features and Benefits

- Zinc rich system combats corrosion electrochemically
- Permanent protection to the steel structure
- Excellent adhesion and flexibility to steel
- Time Saving-touch dry after 35 to 40 Minutes
- Exhibits excellent bond strength in cementitious repair.

Application Methodology

Substrate Requirement:

Any bare MS metal surface, free of any corrosion, old painting and lamination etc, Metal substrate should have design load bearing capacity in case of structural in ember. If any mild corrosion on surface, same should be removed by mechanical or chemical by rust remover or rust convertor.

Step no.1: Surface preparation:

For Optimum service life, the surface must be completely free from all contaminants that might impair performance and should be removed to assure good and permanent adhesion of primer and subsequent system. Metal surface preparation includes primary and secondary surface preparation. Primary surface preparation includes, removing of mild scale, corrosion and foreign matter on surface. Secondary surface preparation includes removal of rust, foreign matter that has been already coated once. All rust scale, heavy chalk, deteriorated coating must be removed by applying rust remover, hand power tools, abrasive blasting followed by water washing. For small and critical surface can be coated with ReArm Rust convertor after mechanically abraded surface and removing of loose rust.

Step no. 2: Product Mixing:

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.

Step no. 3: Product Application:

The application of ReArm Coat ZP must take place as soon as possible over the dry steel surface. It can be applied by brush, roller or spray. The over coating period is 30-60 Min subjected to temperature condition. The primed surface should not be exposed to the environmental for a longer period before over coating. The application of concrete repair products should proceed as soon as the Coating fully dries (45 - 60Min)

Precaution:

ReArm Coat ZP is solvent based system; need to take care of personal protective equipments and proper ventilation during application.

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Epoxy Zinc Rich Primer



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Specification:

The metal surface shall be coated with ReArm Coat ZP for providing electrochemical, active galvanized and self scarifying anticorrosive repair coating system

Technical Data

Type	Two pack cold cure
Application	Brush, roller, spray
Finish	Matt
Mixing Ratio	3:1 by Volume
Mixed density	Approx. 1.60 gm/cc
Pot Life :	6-8 Hrs @23°C 2-4 Hrs @30°C
Surface Drying time	10- 60 minutes @ 30°C
Tack free :	1-3 Hrs @ 30°C
Hard Dry :	15-18 Hrs @ 30°C
Scratch Hardness (IS-101)	2 Kgs
Salt Spray:	300 Hrs
Overcoat	16-24 hrs.
Application rate for repair	6.5 sqm/kgs
For new surface by spray	6.5 to 12 sqm per liter
Application Temp	+10°C to +35°C

Cleaning:

Clean all tools and equipment with cleaning agents immediately after use

Coverage

ReArm Coat ZP will give coverage of Approx 6.5 Sq mtrs per Kg for a DFT of 50Microns.

Packaging

0.8Kg Pack

Storage and Shelf Life

24 Months from the date of manufacturing if stored in cool dry place under shaded area and if un opened sealed pack condition surface after completion of the preparation work. Use a suitable brush; apply one full

Health & Safety

Use of hand gloves is necessary while mixing the product in case of contact with skin or eyes, use plenty of water to wash and obtain medical helps immediately.

Product Categories Available**Legal Note**

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