

EAMICOAT EP ZR

Anti-Corrosion Epoxy Zinc Rich Primer & Coating for Metal Surfaces

Product Description

EAMICOAT EP ZR is a two components, highly pigmented epoxy zinc rich compound based on selected epoxy resin & curing agents. It is designed to form a double line protection, as a highly effective anticorrosion seamless epoxy protective coating zinc rich.

Typical Applications

EAMICOAT EP ZR is used as a corrosion protection coating for steel & metal surfaces such as:

- Pipelines and sewage treatment plants.
- Steel constructions in aggressive environments.
- Primer to steel surfaces prior to over coating.

Product Features

- Excellent adhesion strength to steel surfaces.
- Excellent chemical & abrasion resistance.
- Waterproofing.
- Resistant to mechanical wear.
- Excellent resistance to weathering.
- Long life steel protection compared with normal alkali primers.

Standards

EAMICOAT EP ZR complies with BS 4652.

Guide for Application Surface Preparation

All surfaces should be clean, dry, free from rust, oil & grease and all loosely adhering particles or any contamination. Grit blasting is recommended. Steel surfaces should be blast cleaning to Sa 2½ in accordance with DIN 55928 Part 4

Mixing

Stir Component A(resin) well, then add Component B (curing agent) to the resin while mixing. Mix until homogenous consistency is achieved.

Application

Apply EAMICOAT EP ZR by brush, short haired roller or spray onto the prepared surfaces ensuring uniform coverage. Spray application is recommended with a pressure exceeding 180 bar, recommended nozzle size from 0.38 – 0.66mm. EAMIC SOLVENT No.50 is recommended to be added while spraying. If a second coat is needed, this should be carried out after 6 hrs. at 20°C. Apply in well-ventilated areas and away from any source of heat or naked flames.

Technical Properties

Appearance	Slightly thixotropic grey liquid
Pot Life	Approximately 2 hours at 20°C
Dry of Handle	3-6 hours
Time between two Coats	6 hours
Zinc Content in Dry Film	93 %
Flash point	40°C.

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Cleaning

Clean all tools and equipment immediately after use with EAMIC SOLVENT No. 2

Packaging

EAMICOAT EP ZR is supplied in one pack 2.5 kg or 5 kg.

Coverage

0.3 - 0.35 kg/m² at 80 µm, dry film thickness.

Storage

EAMICOAT EP ZR should be kept in cool dry place away from any source of heat or naked flames.

Shelf Life

One year if stored properly in its original well closed container.

Health and Safety

- Epoxy Resins contain irritants, especially to the skin, eyes and the respiratory system.
- Persons handling these materials should use appropriate protective clothing, including rubber or plastic gloves.
- If the epoxy resin should contact the skin, it should be removed immediately and the areas of contact washed thoroughly with soap and water.

Warranty

We warrant our products to be of good quality & manufactured to rigid standards. This Warranty is in lieu of any & all other warranties expressed or implied. This data sheet is published for information only. It is believed to be correct but no liability is accepted for it or the suitability of the product for any particular purpose. EAMIC TRETOL services are free & the company does not accept liability for any loss arising from it. Max liability is limited to substituting the same quality of material.

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