

# POLY COAT EP ZR

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

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### Product Description

**POLY COAT EP ZR** is a two component, 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 anti corrosion seamless epoxy protective coating & cathode zinc ions

### Typical Application

**POLY COAT 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 alkide primers.

### Standards

**POLY COAT EP ZR** meets the requirements of BS 4652

### Properties

#### **Appearance**

Slightly thixotropic grey liquid.

#### **Pot Life**

Approximately 2 hours @ 20°C

#### **Dry of Handle**

3-6 hours

#### **Time between two Coats**

6 hours

#### **Zinc Content in Dry Film**

93 %

#### **Flash point**

40°C.

### 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 2<sup>1/2</sup> 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 **POLY COAT 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 - 0.66 mm.

**POLYCOO SOLVENT** is recommended to be added while spraying. If the second coat will be applied, this will be carried out after 6 hrs @ 20°C.

Apply in well-ventilated areas and away from any source of heat or naked flames

### Cleaning

Clean all tools and equipment immediately after use with **POLY SOLVENT**

## Packaging

POLY COAT EP ZR is supplied in one pack 5 kg.

## Coverage

0.3-0.35kg/m<sup>2</sup> at 80 ~middy film thickness.

## STORAGE

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

## Shelf Live

One year when stored correctly in unopened containers.

## 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.

## Guarantee / Warranty

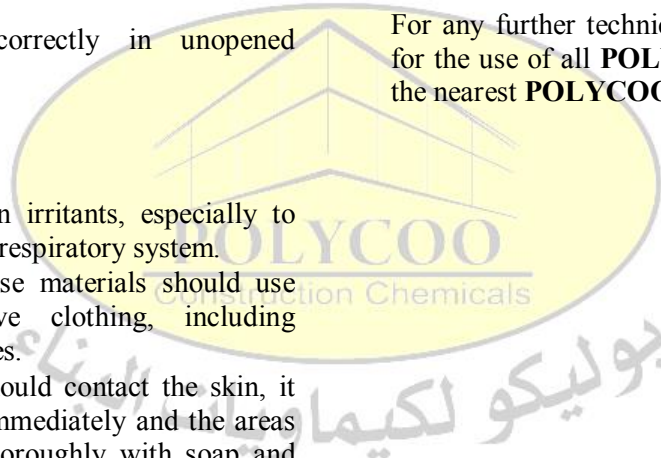
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## Technical Services

For any further technical advice and recommendation for the use of all POLYCOO products, please consult the nearest POLYCOO technical office.



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