



JAZECOAT – Zinc Rich

2 - Component, Anti-corrosion, Epoxy resin-based Zinc – rich Primer & Protective Coating for Steel and Metal Surfaces

Product Description

JAZECOAT – Zinc Rich is 2- component, solvented, epoxy resin-based zinc-rich primer, which is formulated to provide active zinc – rich system able to combat corrosion via electro-chemical method. It provides steel protection against water – soluble salts such as chloride and aggressive media. It is based on selected epoxy resin, special polyamide hardeners, selected carrier solvents and metallic zinc dust.

Uses

JAZECOAT Zinc Rich is formulated to be used as anti-corrosion primer protective coating for steel and metal surfaces in:

- Pipelining and sewage treatment plants.
- Steel structures in aggressive media.
- Primer for protecting concrete steel reinforcement.
- Primers to steel surfaces prior to over-coating.
- As a part of concrete repairing package.

Advantages

- Easy to apply by suitable brush or roller.
- Economical.
- Provides positive protection: active zinc-rich system that able to combat corrosion via electro-chemical method.
- Shorter recoating time
- Highly durable and corrosion resistance.
- Excellent impact resistance.
- Excellent adhesion to steel substrates.
- Chemical resistant to water, water-born salts.
- Long term protection.
- High-build.
- Formulated to be suitable for the Middle East Climates.

Standards

JAZECOAT - ZR complies with BS 4652 Type 2

Technical Properties

Appearance	Grey thixotropic liquid (mixed materials)
Specific Gravity @20 °C	1.50
Tack free time	90 minutes @ 25 °C 60 minutes @ 35 °C
Recoat time	2 - hours @ 25 °C 1 – hours @ 35 °C



Total Zinc Content in the dry film	40 %
DFT per coat	> 100 microns
Coverage	About 8-10 m ² per liter/ 100 microns.

Guide for Applications

Surface Preparation

All surfaces shall be sound, clean free from dust, grease & oils, or other materials may affect the bond of the product and the substrates. Rust traces shall be removed.

Application

Stir well before use

Pour all the amount of Component B into the container of Component A and mix well till homogenous consistency and colour is achieved.

Apply the mixed materials of JAZECOAT – Zinc Rich immediately after complete of surface preparation by suitable brush, roller or spray methods.

The surface shall be coated completely ensuring uniform and full coverage.

If this is a part of concrete repairing system, cementitious or repairing mortar can be applied as JAZECOAT – Zinc Rich becomes dry.

If the product will be used as a primer not finishing coat, JAZECOAT – EPHC (see separate Data Sheet) can be used for aggressive media.

Packaging

JAZECOAT – Zinc Rich is supplied in 5-Kg packs.

Storage & Shelf-life

JAZECOAT – Zinc Rich shall be stored in normal conditions away from any source of heat or naked flames. Shelf – life is 12 months if stored properly.

Health & Safety

- JAZECOAT – Zinc Rich is non-corrosive, but flammable.
- For Ecology: Do not dispose directly to water or soil. Mix it with a plenty of sand, then bury in landfill in accordance with the local regulations.
- Splashes on skin will be washed with water and soap.

JCC CONSTRUCTION CHEMICALS

The information herein is general information to assist our customers in determining whether our products are suitable for their specific applications. Our products are intended for sale to commercial and industrial customers. We require that customers should inspect and test our products before use to satisfy themselves as to the content and suitability for the application they intend to use our products for.

JCC endeavors to ensure that any advice, recommendation, specification of information in accurate and correct manner.