

Single Component Rich Epoxy Primer

Product Description

Rayston Zinc Rich is supplied as a one component grey Colored primer coating based on zinc and epoxy resins. It complies with BS 4652-1971 Type 2, 692 PT1.1988

Uses

- **Rayston Zinc Rich** is the recommended anti-corrosion primer for steel reinforcement in the Krypton Concrete Repair System.
- **Rayston Zinc Rich** actively resists corrosion in the repaired area, and also aids the prevention of corrosion in adjacent areas.
- **Rayston Zinc Rich** benefits from being a single component material and, therefore, avoids possible errors in mixing.
- **Rayston Zinc Rich** can also be used as a touch-up primer or for coating high voltage transmission towers, overhead gantries, bridges and structural steelwork.

Advantages

- Single Component System – Easy to use, with no problems in pot life.
- Time Saving – Touch dry after 45 minutes and re-coat after 4 hours.
- Economical – One pack system ensures no site wastage.

Properties

| | |
|--------------------------------|--|
| Specific gravity | 2.0 |
| Solids content (% by volume) | 75 % |
| Application method | Airless spray, roller or stiffed brush |
| Tack free time 23 °C | 15min - reduced at higher temperature |
| Dry to touch @ 23 °C | 45 Minutes |
| Fully dry @ 23 °C | 4 Hours |
| Re-coat time @ 23 °C | 4 Hours |

SURFACE PREPARATION

- Corroded reinforcing steel should be exceeding around its full circumference and cleaned to remove all loose scale and corrosion deposits.
- It is always preferable to clean the steel to a bright condition. Grit or sand blasting is recommended.

MIXING

Rayston Zinc Rich should be stirred before use to re-disperse the heavy zinc surfaces.

APPLICATION

- **Rayston Zinc Rich** should be brushed onto the exposed reinforcing steel, making sure that the back of the steel is coated also.
- If required a second coat may be applied after 4 hours.
- The primed surfaces should not be exposed to the elements for longer than necessary before over coating or application of the repair mortar.
- **Rayston Zinc Rich** will protect steel under clean interior exposure conditions for a period of several months.
- The application of concrete repair materials may proceed as soon as the **Rayston Zinc Rich** is fully dry (generally 20 minutes to 1 hour)

THINNING

- **Rayston Zinc Rich** is supplied ready to use. However, if necessary a maximum of 5% of solvents may be needed.
- Application temperature: Minimum 5 °C.

CLEANING

Tools and equipment's should be cleaned immediately with solvent.

THEORETICAL COVERAGE

- 0.15 Kg/m² for 60 microns D.F.T
- Number of coats: 1 - 2 depending on application.

PACKAGING

TWO PACKS (A+B)

5 KG PAILS
20 KG PAILS

SHELF LIFE & STORAGE

Rayston Zinc Rich has a shelf life of 12 months if kept in their original packaging in a dry condition.

HEALTH AND SAFETY

- Use goggles, gloves and a breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Remove splashes from skin with hand cleaner or soap and water.



- Eye splashes to be washed with plenty of water.
- If ingested seek medical advice.

ADDITIONAL INFORMATION

Krypton provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

Krypton designs tailor made products should there be critical application that requires specific properties rather than our main range for our customer's satisfaction.

Krypton reserves the right to change the properties of its products.

All orders are accepted subject to our current term of sale & delivery.

Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

Krypton extends technical services to include after-sales support to assist users in the proper handling of our products.