

KEMPRIM ZRS

Two Components Polyamide Cured Zinc Rich Epoxy Primer

Description

KEMPRIM ZRS is a two packs cold curing zinc rich epoxy primer and is designed as an anti corrosive quick drying weldable primer for various paint systems. It can be overcoated after short intervals.

Where to use

To provide excellent protection against corrosion for iron, re-bars and steel structures.

Advantages

- Excellent adhesion to steel.
- Easy to use pre weighed pack.
- Excellent rust inhibiting properties.
- Excellent adhesion between reinforcement bars & concrete.
- Resistant to water.
- Resistant to weathering.
- Resistant to mechanical wear.

Properties

Specific gravity	1.87 ± 0.13
Solids content	57 ± 2 % by volume
Flash point	126°C
Application method	Airless spraying, roller or stiffed brush
Pot life at 20°C	8 hours
Dry to recoat at 23°C	Min. 4 hours. Max. 2 days
Fully cured at 23°C	7 days
Temperature	Dry heat up to +150 °C
Abrasion resistance	Please refer to PROKEM resistance table.
Chemical resistance	Please refer to PROKEM resistance table.

How to use

Surface preparation:

- Steel surfaces should be blast cleaned to sa 2 ½.
- Oil or grease contamination should be totally removed .
- Please consult PROKEM technical office for further advice on suitability and pre treatment of other metals and alloys.

Mixing:

Stir the contents of pack A to disperse settlement, then add pack B and mix until a uniform consistency is obtained not forgetting base and sides of container. Mixing ratio (9 : 1) part by weight.

Application

Condition during application:

- The temperature of the steel should be min. 5°C as the curing process at lower temperature will be considerably retarded.
- Do not expose the primer to water, kemicals or mechanical stress before it is fully cured.
- Apply using brush, spray or airless spray.
- Thinning is allowable using special solvent up to 5%.

Cleaning:

tools and equipment should be cleaned immediately after use using a powerful solvent.

Packaging:

Two packs (A+B) 5kgs

Theoretical Coverage

11.4 sq. mt/lit (0.16 kg./m²)(50 micron) d.f.t

Storage:

KEMPRIM ZRS has a shelf life of 12 months if kept in original packaging in a dry condition.

Health and Safety

- Use goggles, gloves and breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Skin splashes to be removed with hand cleaner, soap and water.
- Eye splashes to be washed with plenty of water.
- If ingested seek medical advice.

Additional Information

PROKEM 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. PROKEM designs tailor made products when there is critical applications that require specific requirements.

For our customer's satisfaction, PROKEM extends technical services to include after sales support to assist users to a proper handling of our products.