

Kemprim ZRS

Two Component Polyamide Cured Zinc Rich Epoxy Primer

Description	<p>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 over-coated after short intervals.</p> <p>Kemprim ZRS is approved by the National Organization For Potable Water & Sanitary Drainage for sewerage applications</p>
Where to use	To provide excellent protection against corrosion for iron, rebar's and steel structures.
Advantages	<ul style="list-style-type: none"> • Excellent adhesion to steel. • Easy to use pre-weighed pack. • Excellent rust inhibiting properties. • Excellent adhesion between reinforcement bars & concrete. • Resistant to water & weathering. • It gives Cathodic Protection to steel. • Resistant to mechanical wear.
Properties	
Specific gravity	1.87 ±0.13
Solids content	74 ±1 % by volume
Zinc Content	25 ±1 % by volume
Flash point	126 °C
Application method	Airless spraying, roller or stiffed brush
Pot life @ 23 °C	8 hours
Dry to recoat @ 23 °C	Min. 4 hours. Max. 2 days
Fully cured @ 23 °C	7 Days
Chemical resistance	Please refer to PROKEM resistance table.
It complies with ASTM D5895,522	
Surface Preparation	<ul style="list-style-type: none"> • Steel surfaces should be blast cleaned to SA 2 ½ or power tool cleaning to min. st 2 which may be acceptable for minor touchy up work. • 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 the base and sides of the container.
Application	<p>Condition during application:</p> <ul style="list-style-type: none"> • 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, chemicals or mechanical stress before it is fully cured. • Apply using a 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.
Theoretical coverage	0.13 Kg/m ² at 50 micron D.F.T
Packaging	Two packs (A+B): 5 Kg 20 Kg

Shelf life & Storage	Kemprim ZRS has a shelf life of 12 months if kept in their original packaging in a dry condition.
Health and Safety	<ul style="list-style-type: none"> • 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	<p>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.</p> <p>PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range for our customer's satisfaction.</p> <p>PROKEM reserves the right to change the properties of its products.</p> <p>All orders are accepted subject to our current term of sale & delivery.</p> <p>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.</p> <p>PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.</p>