

Kemprim ZR 96

Zinc-Rich Cold Galvanizing Coat

Description	Kemprim ZR 96 is a one components zinc- rich primer which has 95 - 96 % zinc in its dried film. It protects metal surfaces with film sacrificial zinc similar to hot dip galvanizing
Where to use	•Electrical transmission towers and related works •Bridges, Structural steel buildings, sand offshore rigs •Chemical process piping & equipment •Pulp & paper equipment •Oil & gas production, processing and distribution equipment
Advantages	•Maximum zinc content in dry film •Easy brush or spray •Excellent wetting and penetration properties •Flexible film with excellent adhesion •It's not electrically conductive •Quick air drying even in a wide range of temperatures and relative humidity •Needs no top coat unless coloring is required •Excellent weather and UV resistance
Properties	
Color	Grey
Finish	Flat
Specific gravity	2.9 ±0.05
Solids content	95 ±2 % by Volume
Tack free time 25 °C	20 minutes - reduced at higher temperature
Application Temperature range	+5 °C / +40 °C
Heat resistance	100 °C
It complies with ISO12944-6	
Surface Preparation	•The surface should be free from oil, grease, dirt, rust, mill scale and paints •Sand blasting to Sa 2 1/2 and surface profiles should be (30-70 microns) •If sandblasting is not permitted, use power tool cleaning to ST3
Mixing	•Stir thoroughly until the zinc dust content is completely dispersed
Application	•The material can be applied by brush, spray or roller •Thinning is not normally required •Allow (3-6 hours) dry time between coats •Top coats shall be epoxy, acrylic and urethane vinyl base types •Don't use alkyd paints
Cleaning	Tools and equipment s should be cleaned immediately after use using Prosolve
Theoretical coverage	•0.3 Kg/m² •Dry film thickness per coat is 100 microns

Packaging	5 Kg Pails 20 Kg Pails
Shelf life & Storage	One year in its unopened packs stored in appropriate conditions
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 should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction PROKEM 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 PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products