

Kemprim M

Two Components Epoxy Anti-Corrosive Primer for Steel

Description	Kemprim M is a two packs polyamide cured epoxy primer for steel and ferrous material with an excellent rust inhibiting action which provides the coated steel with an outstanding resistance against corrosion.
Where to use	Kemprim M is generally used as a high quality primer for marine structures and steel structures in severe corrosive and immersed environments. It can be used for galvanized steel or aluminum.
Advantages	Kemprim M provides the following: - • Excellent adhesion to steel. • Easy to use pre-weighed pack. • Excellent corrosion resistance against climate, water and oil. • Excellent rust inhibiting properties. • Can be applied easily by compressor, brush or roller. • Suitable for interior and exterior use. • Good adhesion to non-ferrous substrates.
Properties	
Specific gravity	1.48 ±0.04 (after mixing)
Solids content (% by volume)	52 ±2 %
Application method	Airless spray, roller or stiffed brush
Pot life at 23oC	8 hrs. (Reduced at higher temp.)
Dry to recoat	18 hours min.
Fully cured	7 Days
Temperature	Dry +150 °C/ Wet +60 °C
Chemical resistance	Please refer to PROKEM resistance table.
Surface Preparation	• Treat oil or grease contamination with PROKEM degreaser followed by water or steam cleaning. • 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. • Please consult PROKEM technical office for further advice on suitability and pre-treatment of other metal and alloys.
Mixing	Stir the contents pack A to disperse settlement, and then add pack B and mix until a uniform consistency is obtained. Thinning using special thinner maximum up to 20 %.
Application	• Apply the primer to the substrate as soon as possible using brush, roller or spray application • Conditions during application: • The temperature of the substrate should be min. 10 °C • Temperature and relative humidity measured in the vicinity of the substrate • Good ventilation is necessary when it is used in confined spaces • It should not be exposed to water, chemicals or mechanical stress until fully cured Note: • Application must be conducted by qualified contractor s and specially trained builders.

Cleaning	Tools and equipment's should be cleaned immediately after using a powerful solvent
Theoretical coverage	0.14 Kg /m ² for 50 microns D.F.T
Packaging	Two packs (A+B) 5 Kg Pails 20 Kg Pails
Shelf life & Storage	Kemprim M 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	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.