

Product Data Sheet
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Identification No. P - 2



KEMPRIM ZP

Two Component Polyamide Epoxy anti corrosive primer

Description

KEMPRIM ZP is a two pack polyamide cured epoxy modified zinc phosphate primer with an excellent rust inhibiting action which provides the coated steel with an outstanding resistance against corrosion.

Where to use

Generally used as a high quality primer for marine structures and steel structures exposed to corrosive environment. It can be used for pre-treated steel or aluminum.

Advantages

- Excellent adhesion to steel.
- Lead & chromate free.
- Easy to use pre-weighed pack.
- Excellent rust inhibiting properties for atmospheric & high temperature exposure.
- Can be applied easily by compressor, brush, and roller.

Properties

Color	Grey
Specific gravity	1.35 ± 0.05 (after mixing)
Solids content (% by volume)	52 ± 2%
Application method	Airless spraying, roller or stiffed brush
Pot life at 23°C	8 hrs. (Reduced at higher temperatures)
Dry to recoat	36 hours min. 7 days max.
Fully cured	7 days
Flash point	26°C
Abrasion resistance	Please refer to PROKEM resistance table.
Chemical resistance	Please refer to PROKEM resistance table.

How to use

- 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.
- Treat oil or grease contamination with PROKEM degreaser followed by water or steam cleaning.
- 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 10 %.

Mixing ratio (5.6: 1) parts by weight.

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

Cleaning:

Tools and equipment should be cleaned immediately after using powerful solvent

Theoretical Coverage

14.8 sq. mt/lit (0.10 kg. /m²) for 35 microns D.F.T.

Packaging:

Two packs (A+B) 1, 5, 20 kg pails

Storage:

KEMPRIM M 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 in a proper handling of our products.