

DESCRIPTION

Two component polyamide cured anti corrosive epoxy system.

PRINCIPAL CHARACTERISTICS

- Excellent durability in marine atmosphere.
- Resists splash, spillage and fumes of mild acids, alkalis, salts solutions and solvents.
- Build coat or finish coat for the protection of steel and concrete in structure exposed to aggressive atmospheric condition.
- Accepts polyurethane or acrylic topcoats where improved gloss and colour retention are required.

RECOMMENDED USE

As general – purpose primer for use in new construction and maintenance in severely corrosion marine and industrial environment.

SPECIFICATION DATA AT 20°C

Gloss	Eggshell.
Colour	Light grey, red oxide.
Specific gravity	1.45 ± 0.5 kg/litre.
Solid by volume	75 ± 2 %.
Recommended	Dry film thickness : 100 - 175 microns. Wet film thickness : 135 - 230 microns.
Coverage theoretical	7,5 m ² / litre – 100 microns.: 4.28 m ² / litre – 175 microns
Dry time	

Temperature	Touch dry	Hard dry
26°C	60 minutes	6 hours
32°C	50 minutes	5.5 hours
36°C	40 minutes	5 hours
40°C	30 minutes	4 hours

Full cure	7 days.
Painting interval	Min : 4,5 hours ; max : 6 days.
VOC	Max. 316.8 g/litre.
Flash point (DIN 53213)	25°C for base and 26°C for hardener
Pot life	8 hours (after mixing the components).
Shelf life	12 months (cool and dry place)

SURFACE PREPARATION

Steel: blast cleaned in situ to at least SSPC-SP 10 and free from rust, scale, shop primer and any other contamination.

CONDITION OF APPLICATION

Temperature: minimum 5°C ; maximum 50°C.
Relative humidity: maximum 85%.
Substrate temperature should be at least 3°C above dew point.

SYSTEM SPECIFICATION

Can be top coated with all paint types (alkyd, epoxy, coal tar epoxy, vinyl, chlorinate rubber or polyurethane, etc.)

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.

INSTRUCTION FOR USE

- Mixing ratio by volume: Base; Hardener = 4:1
- The temperature of the mixed base and hardener should be above 15°C, otherwise extra solvent may be required to obtain application viscosity.
- Stir well before use preferable by means of mechanical mixer. Thinner should be added after mixing the components.
- Too much solvent result in lower sag resistance and slower cure.
- Thinner should be added after mixing components.

Method of application	Airless spray	Air Spray	Roller/brush
Thinner No.	KEN TH 012	KEN TH 012	KEN TH 012
Volumer of thinner	Max. 10%	Max 15%	Max. 5%
Nozzle orifice	0.018 (0.46 mm)	1.5-2 mm	-
Nozzle pressure	150 Bar (2100 psi)	3-4 Bar / 57 psi	-
Cleaning solvent	KEN TH 011	-	-

SAFETY PRECAUTION

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

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