

DESCRIPTION

This is a two component polyamine cured epoxy mastic coating. It is a surface tolerant, high solids product. Specially designed for areas where optimum surface preparation is not possible or required. Can be used as primer, mid coat, finish coat or as single coat system in atmospheric environments. Suitable for properly prepared carbon steel and aged coating surfaces. It can be applied at sub zero surface temperatures.

PRINCIPAL CHARACTERISTICS

- Surface tolerant coating for lower grade of steel surface preparation.
- Can be over coated with wide range of topcoats.
- Compatible with various aged coatings.
- Can be applied over most existing coatings
- Excellent corrosion resistance and good flexibility.
- Good resistance to splash / spillage of acids, alkalis, solvents, fresh and saltwater.
- Resists of high humidity and moisture.
- Not recommended to immersion in acids and alkalis.

RECOMMENDED USE

- Primarily designed for maintenance and repair.
- Recommended for offshore environments, refineries, power plants, bridges, buildings, mining equipment and general structural steel.

SPECIFICATION DATA AT 20°C

Gloss	Semi gloss
Colour	grey, red, green, off-white, black.
Specific gravity	1.5 ± 0.5 kg/litre.
Solid by volume	80 ± 2 %.
Recommended	Dry film thickness : 75 - 200 microns. Wet film thickness : 95 - 250 microns.
Coverage theoretical	10.7 m ² / litre – 75 microns.: 4 m ² / litre – 200 microns
Dry time	

Temperature	Touch dry	Hard dry
26°C	4 hours	10 hours
32°C	3 hours	8 hours
36°C	2.5 hours	7 hours
40°C	2 hours	6 hours

Full cure	7 days.
Painting interval	Min : 2 hours ; max : 6 months.
VOC	Max. 190 g/litre.
Pot life	4 hours (after mixing the components).
Shelf life	12 months (cool and dry place)

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.

SURFACE PREPARATION

Dry abrasive blast in accordance with ISO – Sa 2.5 or SSPC – SP 10 “Near White”. Blast to achieve a 50 – 100 microns anchor profile as indicated by a Keane Tator Surface Profile Comparator. Remove abrasive residue or dust from surface.

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.

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.

APPLICATION DETAILS

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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