

DESCRIPTION

Surface tolerant, two pack epoxy primer/finish offering corrosion protection in one coat. Suitable for properly prepared carbon steel, stainless steel, aluminium, galvanised steel and thermally spayed zinc substrates.

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 an anticorrosive primer/finish for decks, deck fittings and cargo holds. For use at Maintenance & Repair or On Board Maintenance.

SPECIFICATION DATA

Gloss	Semi Gloss.
Colour	Available on Request.
Specific gravity	1.45 ± 0.5 kg/litre.
Solid by volume	80 ± 2 %.
Recommended	Dry film thickness : 100 -150 microns. Wet film thickness : 130 -175 microns.
Coverage theoretical	7.5 m ² / litre – 100 microns.: 5 m ² / litre – 150 microns
Dry time	

Full cure	7 days
Painting interval	Min : 8 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.

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.

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.)

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	-	-

ADDITIONAL DATA

Over Coating table for other products.

Description	Substrate Temp.			
	10°C	20°C	32°C	40°C
Min. Interval	10 Hours	5 Hours	3 Hours	2 Hours
Max. Interval	21 Hours	10 Hours	7 Hours	7 Hours

Film thickness and spreading rate.

Max DFT without sagging with airless spray	250 microns	2.4 m ² /L
Max DFT when Brushing	50 microns	12 m ² /L
Max DFT for closed film with airless spray	25 microns	24 m ² /L

Pot Life (at application Viscosity)

Temperature	Pot Life	The figures are valid for quantities of 1 liter and more
15°C	10 Hours	
20°C	8 Hours	
26°C	6 Hours	
32°C	5 Hours	
36°C	4 Hours	

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.

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.

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.

Rev.1 20 September 2023

www.ken-gloss.com