

DESCRIPTION

KEN COAT AF 800 is a one-component antifouling coating and can provide more efficient fouling protection. This is achieved by self-polishing characteristics that reduce hull damage. For use as a finishing coat in submerged environments only. Suitable for approved primers and bonding coatings on carbon steel substrates.

PRINCIPAL CHARACTERISTICS

- Must not be exposed to the atmosphere for longer than 24 hours before flooded.
- Provide protection against fouling for a period **30 Months**.

CERTIFICATE

Certified by BKI 00044TA16 Antifouling Systems, IMO – International convention on the control of harmful anti – fouling system on ships.

RECOMMENDED USE

Recommended for under water hull in drydocking. Designed for vessels trading at a range of high speed and activity.

SPECIFICATION DATA

Gloss	Satin
Colour	Red, brown.
Specific gravity	1.4 ± 0.5 kg/litre.
Solid by volume	62 ± 2 %.
Recommended	Dry film thickness : 75 - 100 microns.
Coverage theoretical	8,27 m ² / litre – 75 microns. : 6,2 m ² / litre – 100 microns
Dry time	

Temperature	Touch dry	Hard dry
26 ⁰ C	60 minutes	6 hours
32 ⁰ C	50 minutes	5.5 hours
36 ⁰ C	40 minutes	5 hours
40 ⁰ C	30 minutes	4 hours

Full cure	7 days
Painting interval	Min : 6 hours ; max : unlimited.
VOC	Max. 316.8 g/litre.
Flash point (DIN 53213)	20 ⁰ C for base.
Pot life	-
Shelf life	12 months (cool and dry place)

SURFACE PREPARATION

Prior to coating, previously coated surface must be dry, undamaged and free from all contaminants, including salt deposits.

CONDITION OF APPLICATION

Temperature: minimum 5⁰C ; maximum 50⁰C.
Relative humidity: maximum 85%.
Substrate temperature should be at least 3⁰C above dew point.

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

Stir well before use, preferable by means of mechanical mixer to ensure good homogeneity.

APPLICATION DETAILS

Method of application	Airless spray	Air Spray	Roller/brush
Thinner No.	KEN TH 017	KEN TH 017	KEN TH 017
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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Rev.1 20 April 2024

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