

DESCRIPTION

A single component, based on a combination of silicon resin and aluminium pigment.

PRINCIPAL CHARACTERISTICS

- 100% silicone aluminium coating.
- A heat resistance coating up to 400°C - 800°C when applied over steel.
- Self priming coating.
- Good weather resistance

RECOMMENDED USE

High temperature service such as stack and breeching.

SPECIFICATION DATA AT 20°C

Gloss	Satin.
Colour	Aluminium, black
Specific gravity	1.3 ± 0.5 kg/litre.
Solid by volume	35 ± 2 %.
Recommended	Dry film thickness : 35 microns. Wet film thickness : 100 microns.
Coverage theoretical	10 m ² / litre – 35 microns.
Dry time	

Temperature	Touch dry	Hard dry
26°C	30 minutes	3 hours
32°C	25 minutes	2.5 hours
36°C	20 minutes	2 hours
40°C	15 minutes	1 hours

Full cure	7 Days
Painting interval	Min : 12 hours ; max : unlimited.
VOC	Max. 550 g/litre.
Flash point (DIN 53213)	26°C.
Pot life	-
Service temperature	Continuous : 600°C ; periodic : up to 800°C.
Shelf life	12 months (cool and dry place)

SURFACE PREPARATION

The surface to be over coated should be clean and dry, free from any contaminant.

CONDITION OF APPLICATION

Temperature: minimum 10°C ; maximum 50°C.
Relative humidity: maximum 85%.
Substrate temperature should be at least 3°C 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.

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INSTRUCTION FOR USE

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

APPLICATION DETAILS

Method of application	Airless spray	Air Spray	Roller/brush
Thinner No.	KEN TH 013	KEN TH 013	KEN TH 013
Volume of thinner	Max. 10%	15%	Max. 5%
Nozzle orifice	0.017 (0.43 mm)	2 mm	-
Nozzle pressure	150 Bar (2100 psi)	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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