

DESCRIPTION

KEN ROAD MARK is a single component, solvent based, fast drying, enamel paint formulation for exterior or interior application in moderately to severely corrosive ambient environment. It is a direct to metal 1 coat system with glossy appearance. Resistant to salt water, splashes of aliphatic hydrocarbons or oils.

RECOMMENDED USE

- Suitable for use at new or existing building.
- Can be applied on various surfaces such as:
- Asphalt
- Concrete
- Wall
- Etc.
- Replaces conventional epoxy/urethane systems.
- Suitable for use in the Mining & Minerals Industry.

SPECIFICATION DATA

Gloss

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Colour

Wide range of colours.

Specific gravity

1,1. $\pm$ 0.5 kg/litre.

Solid by volume

56 $\pm$ 2 %.

Recommended

Dry film thickness : 50 microns.

Wet film thickness : 150 microns.

Coverage theoretical

9 m² / litre – 50 microns.

Dry time

Temperature	Touch dry	Hard dry
25°C	60 minutes	4 hours
30°C	45 minutes	3.5 hours
36°C	30 minutes	3 hours
40°C	20 minutes	2.5 hours

Full cure

7 days.

Painting interval

Min: 18 Hours

Max: Extended

VOC(EPA Method 24)

420 g/L

Flash point (DIN 53213)

28°C for base

Pot life

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Shelf life

24 months (cool & Dry Place) In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

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

All surfaces to be coated should be clean, dry and free from contamination. Prior to paint application, all surfaces should be treated in accordance with ISO 8504:2000. Minimum recommended surface preparation:

Iron & Steel	: SSPC-SP6 50micron profile
Galvanizing	: SSPC-SP16 50micron profile
Aluminium	: SSPC-SP16 50micron profile
Non-Ferrous Metals	: SSPC-SP16 50micron profile
Phosphatized Steel	: Remove all contaminants per SSPC-SP1

CONDITION APPLICATION

- Temperature : 1.6°C minimum, 49°C maximum (air, surface, and material) At least 2.8°C above dew point
 - Relative humidity : 85% maximum
- Refer to product Application Bulletin for detailed application information.

INSTRUCTION FOR USE

- 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 agitator.
- Too much solvent result in lower sag resistance and slower cure.
- Thinner should be added after mixing components (is required only).

APPLICATION DETAILS

Method of application	Airless spray	Air Spray	Roller/brush
Thinner No.	KEN TH 020	KEN TH 020	KEN TH 020
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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