

DESCRIPTION

Alkyd-based synthetic enamel.

USE

For the protection and decoration of interior and exterior metal and wood surfaces. Applications include structural steel, industrial machinery, and vehicles.

FEATURES AND BENEFITS

1. Fast dry
2. Long lasting
3. Extra gloss
4. Heat resistance up to 80°C

COLOR AND GLOSS LEVEL APPEARANCE

- Available in many colours (see the colour card)
- Gloss level: Gloss

BASIC DATA

Data for mix product	
Number of components	One
Application Method	Airless spay, conventional spray, brush or roller
Specific Gravity (ASTM D1475)	1,00 g/ml (white), depend on color
Volume Solids (ISO 3233)	40% (white)
Flash Point (ASTM D3278)	28°C
VOC (ISO 11890-2)	450 - 460 g/Liter
Mixing Ratio	-
Thinner	Fan brand thinner
Thinning Ratio	Brush/roller, 5% Conventional spray, 10%
Recommended DFT	30 micron
Theoretical coverage	12 - 14 m ² /Liter at DFT 30 micron, (depend on color)
Overcoating Interval	At temperature 30°C Minimum: 4 hours Maximum: 8 days
Packaging	0.8 Liter

SURFACE PREPARATION

- All surface to be coated should be completely clean, dry and free from contamination
- Remove salt and other water-soluble contaminants by fresh water
- Remove oil and grease with suitable detergent or solvent
- Remove rust, mill scale and others loose materials completely by dry abrasive blasting (ISO 8501 Sa 2½), wet abrasive blasting (SSPC Vis 5) or powertools cleaning (SSPC SP3 : St2/St3)

APPLICATION

Equipment Use	Volume of thinner	Recommended thinner	Nozzle orifice	Nozzle pressure
Air spray	0 - 10%	Fan brand thinner	1,5 - 2,0 mm	3 - 4 bar
Airless spray	0 - 10%	Fan brand thinner	0,46 mm	150 bar
Roller	0 - 5%	Fan brand thinner	-	-
Brush	0 - 5%	Fan brand thinner	-	-

Painting Process	Interval	Recommended Primer
	DFT	KANSAI Zinc Chromate Primer KANSAI Zinc Phosphate Primer KANSAI Antirust Primer KANSAI Metal Primer Z-100 KANSAI Red Oxide Primer
Primer	30 - 40 µm/coat Overnight	
Coat 1	30 µm/coat 4 hours	
Coat 2	30 µm/coat 4 hours	

Curing time DFT to 25 - 30 micron			
Substrate temperature	Dry to touch	Dry to handle	Full cure
5°C (41°F)	-	-	-
20°C (50°F)	-	-	-
30°C (68°F)	1 hours	8 hours	7 days

SAFETY PRECAUTIONS

For paint and recommended thinner see safety sheet and relevant material safety data sheets. This is a solvent borne paint and care should be taken to avoid inhalation of spray mist or vapour as well as contact between the wet paint and exposed skin or eyes.

- Avoid at all time inhalation or aerosol spraymist

DISCLAIMER

Spreading rate, drying time, and other numerical parameters are based on controlled environment test and evaluation. It may vary on actual usage due to differences on surface type and porosity, surrounding humidity and temperature, painters' skill and equipment, and other external factors. User should always consult with Kansai Paint for specific guidelines on particulars paint jobs for the best result. All information can be adjusted accordingly without further notice.