

KANSAI METAL PRIMER Z-100

Code: 141-313/308

DECORATIVE

SURFACE PREPARATION FOR METAL, STEEL, GALVANISED STEEL, AND WOOD

DESCRIPTION

Anti corrosive primer for metal based on zinc chromate rust preventive pigments and special resin.

USE

For priming ferrous metal in mild environments, such as gates, fences, general metalwork and many more.

CHARACTERISTICS

1. Quick drying
2. Good adhesion
3. Good protection against corrosion
4. Good weathering resistance
5. Heat resistance up to 80°C

COLOR AND GLOSS LEVEL APPEARANCE

- Light grey & Green
- Gloss level: Semi-Gloss

BASIC DATA

Data for mix product	
Number of components	One
Application Method	Conventional Spray, brush and roller
Specific Gravity (ASTM D1475)	1.42 g/ml
Volume Solids (ISO 3233)	61%
Flash Point (ASTM D3278)	42°C
VOC (ISO 11890-2)	271 mg/Liter
Mixing Ratio	-
Thinner	Fan brand thinner
Thinning ratio	Brush/roller, 10% Conventional spray, 30%
Recommended DFT	30 - 40 micron/coat
Theoretical coverage	8 - 10 m ² /Kg at DFT 35 micron
Overcoating Interval	At temperature 30°C Minimum: Overnight/16 hours Maximum: 7 days
Packaging	1 Kg, 5 Kg in can & 25 Kg in pailcan

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 detergents or solvent
- Remove rust, mill scale and other loose materials completely by dry abrasive blasting (ISO 8501 Sa 2½) wet abrasive blasting (SSPC Vis 5) or powertools cleaning (SSPC SP3 : St2/St3)

Equipment Use	Volume of thinner	Recommended thinner	Nozzle orifice	Nozzle pressure
Air spray	0 - 30%	Fan brand thinner	1,5 - 2,0 mm	3 - 4 bar
Airless spray	0 - 10%	Fan brand thinner	0,46 mm	150 bar
Roller	10%	Fan brand thinner	-	-
Brush	10%	Fan brand thinner	-	-

APPLICATION

Painting Process	Interval	Recommended Topcoat
	DFT	KANSAI FTALIT KANSAI PROPERTY Glozz
Primer	30 - 40	
Coat 1	35	
Coat 2	35	

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)	6 hours	24 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 particular paint jobs for the best result. All information can be adjusted accordingly without further notice.