

Metal-Prime 213ZP

Zinc Phosphate Alkyd Primer

Product Description

Metal-Prime 213ZP is a single pack, zinc phosphate pigmented alkyd solvent based primer. It is a fast drying, rust inhibiting primer.

Recommended Use

It is used on prepared iron and steel surfaces under non-immersion conditions. It can also be used as a shop primer.

Product Information

Binder	: Alkyd
No. of Components	: 1
Solids (% by Volume)	: 50 ± 2 %
Flash Point	: 35°C
Colour	: Grey Green (Please consult KCC representative for custom colours)
Finish	: Matt

Application Information

Substrate	: Iron, Steel
Recommended No. of Coats	: 1
Recommended Wet Film Thickness	: 80 µm / Coat
Recommended Dry Film Thickness	: 40 µm / Coat
Theoretical Spreading Rate @ 40µm	: 13 m ² / L / Coat
<small>(Does not include substrate condition and loss factors)</small>	
Drying Agent	: Solvent Evaporation, Oxidation
Drying Time	: Touch Dry 60 min Recoat 120 min

Application Methods

Applied By	: Brush / Roller / Spray
Thinner	: Thinner 51
Clean Up	: Thinner 51

Packaging & Storage

Packaging	: 1L, 5L, 20L
Shelf Life	: 12 months - Unopened
Storage	: Cool, dry and well ventilated area away from heat and direct sun light. Lid must be kept tightly closed.

Disclaimer : The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.

Surface Preparation

Steelworks

For maximum performance, abrasive blasting is the most effective and economical method. However, when blast cleaning is impractical due to site and safety limitations, hand power tool cleaning to St 3 (ISO 8501-1:1988) is recommended. Care must be taken to avoid excessive burnishing of steel surfaces. Prior to painting, ensure steel surfaces is thoroughly free from any oil & grease residues and foreign matter.

Previously Painted Surfaces

All loose or defective paintwork or powdery residues shall be thoroughly removed by high pressure water jet cleaning. For maintenance painting, power brush spot rust areas and dilute paint to ensure good wetting. Apply by brush on spot rusted areas.

Typical Recommended Painting System

Substrate: Iron, Steel

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Primer	Metal-Prime 213ZP	1
Finish	Hi-Gloss Enamel / Koramel / Metal-Lux 101	2

Substrate: Previously Painted Iron, Steel

<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Primer	Metal-Prime 213ZP	1
Finish	Hi-Gloss Enamel / Koramel / Metal-Lux 101	2

Application & Cleaning Instructions

Paint is ready for use after thorough stirring. Thinning is not normally necessary, however, if required for better workability, do not exceed 5% of dilution ratio. Clean up equipment with immediately after use.

Health & Safety

This product is flammable. Ensure good ventilation during application and drying. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. During spray application, do not breathe in mist and wear suitable respiratory protective equipment. Keep out of reach of children.