

Technical Data Sheet

Product Name

Full Product Name

113 ZP Primer

Type of Product

1K Zinc Phosphate Enamel Primer

Description

Concept 113 ZP Primer is a 1K zinc phosphate enamel primer designed for industrial use only. It is characterised by its excellent adhesion to mild steel and is suitable as a primer for Concept's Enamel Product range of topcoats.

Products

Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
113 ZP Primer - Red	40.6	59.2	1.202	10.03	490.7	4.10
113 ZP Primer - Grey	39.3	57.6	1.186	9.89	503.1	4.20
804 Enamel Thinner	0.0	0.0	0.802	6.69	802.0	6.69

Properties

- High filling
- Excellent adhesion
- Easy to sand with reduced paper clogging

Substrates

- Mild steel surfaces
- Sound existing enamel and acrylic lacquer surfaces

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Substrate Preparation



All Substrates



All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application. Lightly rusted surfaces must be treated with Concept 025 Rust Converter.

Product Preparation

	Reducer	Up to 30% (v/v) of Concept 804 Enamel Thinner, if required.			
	Pot life @ 25°C (77°F)	N/A			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup	18-20 s		
		Ford 4 Cup	16-17 s		
	Spray equipment	Gun type	Fluid tip	Spray pressure	Spray Distance
		Gravity feed	1.8-2.0 mm 0.071-0.079"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		Suction feed	1.8-2.0 mm 0.071-0.079"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		HVLP	1.5-1.8 mm 0.059-0.071"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch
	Number of coats	2-3	Apply one coat followed by one or two even full coats. Avoid heavy wet coats.		
	DFT Recommended	40-50 µm 1.6-2.0 mils			
	Flash off time @ 25°C (77°F)	3-5 min between coats			
	Drying	Air Dry @ 25°C (77°F)	3-4 hours		
	Sanding	Wet sand with P600-P800 before applying finish coat or Dry sand with P400-P500 using an orbital sander			

This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.

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Remarks	
	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Cleaning
Use recommended Concept Paints 035 Gunwash

Dry Film Properties	After 7 days drying, <u>when compared to similar technology products.</u>
Adhesion	Excellent
Corrosion protection	Excellent
Sanding	Excellent

Product Packaging		
Product Code	Product Name	Package Size
IN1133100000X	113 ZP Primer - Red	1L, 4L, 20L
IN1136200000X	113 ZP Primer - Grey	1L, 4L, 10L, 20L
IN8049200000X	804 Enamel Thinner	1L, 4L, 20L

Product Data	
Colour	Red, Grey
Theoretical Coverage	Approx. 6 m ² /L (205 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature away from sunlight.

Safety

For automotive and industrial use only by professional painters. Not recommended for sale to, or use by the general public. Before using, read and follow all label and Safety Data Sheet (SDS) precautions. If mixed with other components, the mixture will have hazards of all individual components.

Read and understand the Guidelines for the Safe Handling and Use of Isocyanate Containing Paints, including the use of approved respiratory protection and Personal Protective Equipment. Use only in a well-ventilated approved spray booth, according to local regulations.

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This Technical Data Sheet supersedes all previous issues.

Concept Paints
26-30 Charles Street
St Marys NSW 2760
Sydney, Australia

ph. +61 (2) 9673 2555
fax. +61 (2) 9623 1918
office@conceptpaints.com.au
www.conceptpaints.com.au