

Product Name	
Full Product Name	Structural Primer Aerosol
Type of Product	1K Zinc Phosphate Primer
Description	Concept 1K Zinc Phosphate enamel primer designed for industrial use. It is characterised by its excellent adhesion to mild steel and is suitable as a primer for Concept's Enamel Product range of topcoats.

Properties	
• Excellent adhesion	
• Good anticorrosive properties	
• Fast dry	

Substrates	
• Mild Steel	
• Sound existing enamel and acrylic lacquer surfaces	

Substrate Preparation	
 All Substrates	All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application. Mask off surrounding areas to avoid overspray.

Technical Data Sheet

Product Preparation

	Shake can	Invert and shake the can thoroughly, until the agitation ball can be heard (two to three minutes). Continue to shake the can during application.	
	Pot life @ 25°C (77°F)	N/A	
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	N/A
	Application	Spray in an even overlapping pattern from a distance of approx. 25 cm.	
	Number of coats	2-3	Apply two to three even coats to gradually increase film thickness. Avoid heavy wet coats to minimise risk of runs.
	DFT Recommended	25 µm 1.0 mil	
	Flash off time @ 25°C (77°F)	5 min between coats	
	Drying	Air Dry @ 25°C (77°F)	1 Hour (before sanding or recoating)
	Sanding	Wet sand with P600-P800 before applying finish coat or Dry sand with P240 followed by 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.			

Remarks

	Surface temperature must always be a minimum of 3°C (5°F) above dew point.
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Equipment Cleaning

	Turn the can upside down and spray until the jet clears. Any over spray maybe cleaned up with Mineral Turps
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Dry Film Properties	After 1 days drying, <u>when compared to similar technology products.</u>
Adhesion	Excellent
Anticorrosive properties	Very good

Product Data	
Colour	Red, Grey
Theoretical Coverage	Approx. 2.0 m ² (80 ft ²)/400g @ recommended DFT
Shelf Life	24 months in an unopened container at room temperature away from sunlight.

Product Packaging		
Product Code	Product Name	Package Size
IN9233081.400	Structural Primer Aerosol Red Oxide	400g (aerosol)
IN9236200.400	Structural Primer Aerosol Grey	400g (aerosol)

Safety
Before using, read and follow all label and Safety Data Sheet (SDS) precautions, including respiratory protection and other Personal Protective Equipment such as safety clothing, glasses and gloves. Use only in a well-ventilated area.

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This Technical Data Sheet supersedes all previous issues.

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