

Technical Data Sheet

Product Name	
Full Product Name	451 Silver Gal(2 in 1)
Type of Product	1K Fast Drying Zinc Topcoat
Description	Concept 451 Silver Gal(2 in 1) is a very fast drying 1K industrial paint producing the appearance of galvanised steel. It is a 2 in 1 an anticorrosive primer and topcoat in one.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
451 Silver Gal(2 in 1)	37.9	44.6	0.958	7.99	530.9	4.43
804 Enamel Thinner	0.0	0.0	0.802	6.69	802.0	6.69

Properties
<ul style="list-style-type: none"> fast drying
<ul style="list-style-type: none"> Easy application
<ul style="list-style-type: none"> Low build and good opacity



Substrates
<ul style="list-style-type: none"> 109 Enamel Primer
<ul style="list-style-type: none"> 113 ZP Primer
<ul style="list-style-type: none"> 103 Etch Primer
<ul style="list-style-type: none"> 111 Universal Primer(HB)
<ul style="list-style-type: none"> Steel or Galvanised 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.

Product Preparation					
	Reducer	Up to 10% reduction with concept 804 Enamel Thinner, if required			
	Pot life @ 25°C (77°F)	N/A			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup	18-19 s		
		Ford 4 Cup	16-17 s		
	Spray equipment	Gun type	Fluid tip	Spray pressure	Spray Distance
		Gravity feed	1.3-1.4 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		Suction feed	1.3-1.4 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		HVLP	1.2-1.3 mm 0.047-0.051"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch
	Number of coats	2	Apply one coat followed by one even full coat. Avoid heavy wet coats.		
	DFT Recommended	30-40 µm 1.2-1.6 mils			
	Flash off time @ 25°C (77°F)	5 min between coats			
	Drying	Air Dry @ 25°C (77°F)	40-60 min		
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.
	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	<u>when compared to similar technology products.</u>
Gloss	Satin
Adhesion	Excellent
Metal Protection	Excellent

Product Data	
Colour	Silver
Theoretical Coverage	Approx. 6.0 m ² /L (245 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature, away from sunlight.

Product Packaging			
Product Code 1	Product Code 2	Product Name	Package Size
IN45180000001 IN80492000001		451 Silver Gal(2 in 1) 804 Enamel Thinner	1L, 4L, 20L 1L, 4L, 20L,

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.

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