

Date: 11<sup>th</sup> December 2020  
Version:02

# Technical Data Sheet

Product Name	
Full Product Name	<b>118 Cold Gal</b>
Type of Product	1K Cold Galvanising Primer
Description	Concept 118 Cold Gal is a Zinc Rich Primer designed to give corrosion protection in a galvanised form. For use on all ferrous metals which provides a protection barrier from rusting. Ideal for all highly corrosive areas. Steel structures, bridges, tanks and wharves.

Products						
Product Name	Volume Solids %	Weight Solids %	Density g/mL lbs/US gal		VOC g/L lbs/US gal	
118 Cold Gal	70.9	75.6	1.258	8.99	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"> <li>fast drying</li> </ul>
<ul style="list-style-type: none"> <li>Easy application</li> </ul>
<ul style="list-style-type: none"> <li>High build and good opacity</li> </ul>

Substrates
<ul style="list-style-type: none"> <li>Steel or Galvanised Surfaces</li> </ul>

Date: 11<sup>th</sup> December 2020  
Version:02

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## Substrate Preparation

	<b>All Substrates</b>	All surfaces must be thoroughly sanded and cleaned from any rust or contamination then clean with Concept Wax & Grease Remover, Prior to application.
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## Product Preparation



	<b>Reducer</b>	Up to 10% reduction with concept 804 Enamel Thinner, if required			
	<b>Pot life @ 25°C (77°F)</b>	N/A			
	<b>Spray viscosity @ 25°C (77°F)</b>	<b>BSB 4 Cup Ford 4 Cup</b>	18-19 s 16-17 s		
	<b>Spray equipment</b>	<b>Gun type</b>	<b>Fluid tip</b>	<b>Spray pressure</b>	<b>Spray Distance</b>
	<b>Gravity feed</b>	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
	<b>Suction feed</b>	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
	<b>HVLP</b>	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
	<b>Number of coats</b>	2		Apply one coat followed by one even full coat. Avoid heavy wet coats.	
	<b>DFT Recommended</b>	30-40 µm 1.2-1.6 mils			
	<b>Flash off time @ 25°C (77°F)</b>	5 min between coats			
	<b>Drying</b>	<b>Air Dry @ 25°C (77°F)</b>	30-40 min and 16 Hours before recoating		

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
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## Dry Film Properties

when compared to similar technology products.

Gloss	Matt
Adhesion	Excellent
Metal Protection	Excellent

## Product Data

Colour	Silver/Grey
Theoretical Coverage	Approx. 8.0 m <sup>2</sup> /L (245 ft <sup>2</sup> /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature, away from sunlight.

## Product Packaging

Product Code	Product Name	Package Size
IN11880000001 IN80492000001	118 Cold Gal 804 Enamel Thinner	1L, 4L 1L, 4L, 20L

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## 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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