

# Technical Data Sheet

Product Name	
Full Product Name	<b>402 QD Gloss White</b>
Type of Product	1K Alkyd Enamel Topcoat
Description	Concept 402 QD Gloss White is a fast-drying high gloss equipment enamel for quick and easy, low build protection and beautification of primed steel.

Products						
Product Name	Volume Solids	Weight Solids	Density		VOC	
	%	%	g/mL	lbs/US gal	g/L	lbs/US gal
402 QD Gloss White	47.0	59.9	1.123	9.38	450.4	3.76
302 Enamel Hardener	46.4	53.1	1.020	8.52	475.8	3.97
804 Enamel Thinner	0.00	0.00	0.802	6.69	0.802	6.69

Properties
<ul style="list-style-type: none"> <li>Superior performance when compared to other QD enamels</li> </ul>
<ul style="list-style-type: none"> <li>Fast drying</li> </ul>
<ul style="list-style-type: none"> <li><b>High Gloss</b></li> </ul>
<ul style="list-style-type: none"> <li>Low build with good coverage</li> </ul>

## Substrates

- Concept 109 Enamel Primer
- Concept 113 ZP Primer or 116 ZP Primer(HB)
- Concept 103 Etch Primer or 110 Metal Etch
- Concept 111 Universal Primer(HB)
- Previously painted enamel substrates in sound condition (always check before painting)

## Substrate Preparation





	<b>Mild Steel</b>	All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application
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## Product Preparation

	<b>Reducer Note: Optional:</b>	Up to 20% (v/v) Concept 804 Enamel Thinner, if required If required, 302 Enamel Hardener ( <b>Mixing Ratio is 16:1</b> )		
	<b>Pot life @ 25°C (77°F)</b>	N/A (3-4 hours if 302 Enamel Hardener is added)		
	<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>Gravity Feed</b>	1.3-1.5 mm 0.051-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi
		<b>Suction feed</b>	1.3-1.5 mm 0.051-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi
		<b>HVLP</b>	1.3-1.5 mm 0.051-0.059"	40-70 kPa 0.4-0.7 bar 6-10 psi
		<b>Airless, Air Assisted, Electrostatic</b>	Consult the manufacturer's instructions.	



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## Product Preparation cont.

	<b>Number of coats</b>	2	Apply one light coat followed by one even full coat. Avoid heavy wet coats.
	<b>DFT Recommended</b>	40-50 µm 2.0 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>	4-5 hours

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

	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, when compared to similar technology products.

<b>Gloss</b>	Excellent
<b>Adhesion</b>	Excellent
<b>Metal Protection</b>	Excellent
<b>Durability</b>	Excellent

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

Product Packaging		
Product Code	Product Name	Package Size
IN40260000001	402 QD Gloss White	1L
IN40260000004	402 QD Gloss White	4L
IN40260000020	402 QD Gloss White	20L
IN80492000001	804 Enamel Thinner	1L
IN80492000004	804 Enamel Thinner	4L
IN80492000020	804 Enamel Thinner	20L
IN30292000.25	302 Enamel Hardener	250ml
IN30292000.50	302 Enamel Hardener	500ml

Safety
<p>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.</p> <p>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.</p>

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This Technical Data Sheet supersedes all previous issues.

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