

# Technical Data Sheet

Product Name	
Full Product Name	<b>402 QD Matt Black</b>
Type of Product	1K Alkyd Enamel Topcoat
Description	Concept 402 QD Matt Black is a fast-drying equipment enamel with a matt finish (5 – 10%) 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
<b>402 QD Matt Black</b>	51.4	57.9	0.994	8.30	418.5	3.49
804 Enamel Thinner	0	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>Matt Finish</li> </ul>
<ul style="list-style-type: none"> <li>Quick and easy application</li> </ul>


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






## 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</b>	Up to 20% (v/v) Concept 804 Enamel Thinner, if required			
	<b>Pot life</b> @ 25°C (77°F)	N/A			
	<b>Spray viscosity</b> @ 25°C (77°F)	<b>BSB 4 Cup</b> <b>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>	1.3-1.5 mm 0.051-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		<b>Suction feed</b>	1.3-1.5 mm 0.051-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		<b>HVLP</b>	1.3-1.5 mm 0.051-0.059"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch
		<b>Airless, Air Assisted, Electrostatic</b>	Consult the manufacturer's instructions.		

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
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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 60°</b>	5-10 GU (Gloss Units)
<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
IN40270010001	402 QD Matt Black	1L
IN40270010004	402 QD Matt Black	4L
IN40270010020	402 QD Matt Black	20L
IN80492000001	804 Enamel Thinner	1L
IN80492000004	804 Enamel Thinner	4L
IN80492000020	804 Enamel Thinner	20L

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>

The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only.

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This Technical Data Sheet supersedes all previous issues.

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