

Technical Data Sheet

Product Name	
Full Product Name	402 QD Matt Black
Type of Product	1K 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 g/mL lbs/US gal		VOC g/L lbs/US gal	
402 QD Matt Black	51.4	57.9	0.994	8.30	418.5	3.49
804 Enamel Thinner	0.0	0.0	0.802	6.69	802.0	6.69

Properties
<ul style="list-style-type: none">• Matt finish
<ul style="list-style-type: none">• Easy application
<ul style="list-style-type: none">• Low build with good coverage

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">• Sound enamel 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 20% 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
Ford 4 Cup

18-19 s
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

2-3

Apply one coat followed by one or two even full coats. Avoid heavy wet coats.



DFT Recommended

40-50 µm
1.6-2.0 mils



Flash off time @ 25°C (77°F)

5 min between coats





Drying

Air Dry
@ 25°C (77°F)

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.

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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 cleaner	

Dry Film Properties	
After 7 days drying, <u>when compared to similar technology products.</u>	
Gloss 60°	5-10 GU (Gloss Units)
Adhesion	Excellent
Metal Protection	Excellent

Product Data	
Colour	Matt Black
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
A06C/302/7001	3027001	402 QD Matt Black	1L, 4L
A08C/ENA	8049200	804 Enamel Thinner	1L, 4L, 20L, 60L

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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