

Technical Data Sheet

Product Name	
Full Product Name	402 QD Enamel Colour
Type of Product	1K enamel topcoat
Description	Concept 402 QD Enamel Colour 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 Enamel Mixed Colours	Depending on the colour					
402 QD Enamel Clear	49.7	55.3	0.963	8.04	431.1	3.60
402 QD Enamel White	47.0	59.9	1.123	9.38	450.4	3.76
402 QD Enamel Black	50.1	55.7	0.971	8.10	429.8	3.59
402 QD Enamel Silver	44.6	51.4	0.965	8.06	469.0	3.91
302 Enamel Hardener	46.4	53.1	1.020	8.52	475.8	3.97
804 Enamel Thinner	0.0	0.0	0.802	6.69	802.0	6.69

Properties
<ul style="list-style-type: none"> • High gloss
<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 1K Etch Primer
<ul style="list-style-type: none"> • 111 Universal Primer
<ul style="list-style-type: none"> • Sound enamel surfaces











Substrate Preparation





All Substrates

All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application.

Product Preparation

	Mixing Ratio 16:1 (by volume)	402 QD Enamel		302 Enamel Hardener	
	Note: This step is optional	16 parts		1 part	
	Reducer	Up to 20% (v/v) reduction with Concept 804 Enamel Thinner, if required			
	Pot life @ 25°C (77°F)	N/A (3-4 hours if 302 Enamel Hardener is added)			
	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	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.

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, when compared to similar technology products.
Gloss	Excellent
Adhesion	Excellent
Metal Protection	Excellent

Product Packaging			
Product Code 1	Product Code 2	Product Name	Package Size
A07C/QDCL	3529000	402 QD Enamel Clear	1L, 4L, 20L
A06C/QDWH	3526000	402 QD Enamel White	1L, 4L, 20L
A06C/QDBLK	3527000	402 QD Enamel Black	1L, 4L, 20L
A06C/302/8003	3028003	402 QD Enamel Silver	1L, 4L, 20L
A06C/302/xxx	302xxxx	402 QD Enamel Mixed Colours	>100L
A06C/MIXxxx	302xxxx	402 QD Enamel Mixed Colours	>100L
A04C/UNIEH	2959200	302 Enamel Hardener	250mL, 500mL
A08C/ENA	8049200	804 Enamel Thinner	1L, 4L, 20L, 60L

Technical Data Sheet

Product Data	
Colour	Clear, White, Black Silver, Mixed colours
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.

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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