

Technical Data Sheet

Version:02

Product Name	
Full Product Name	402 Chassis Black
Type of Product	1K Enamel Topcoat
Description	Concept 402 Chassis Black is an industrial enamel topcoat, designed for use on truck chassis and underbodies. It is characterized by its high coverage and fast drying.

Products						
Product Name	Volume Solids %	Weight Solids %	Den s	sity os/US gal	VC g/L lb	OC os/US gal
402 Chassis Black 804 Enamel Thinner	48.2 0.0	54.0 0.0	0.965 0.802	8.05 6.69	443.7 802.0	3.70 6.69

Properties

- High coverage
- Good flow
- Fast drying

Substrates

- Concept 109 Enamel Primer
- Concept 113 ZP Primer
- Concept 103 Etch Primer
- Concept 111 Universal Primer(HB)
- Sound enamel surfaces

TDS 402 Chassis Black page 1 of 4



Technical Data Sheet

Version:02

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.				
A B	Pot life @ 25°C (77°F)	N/A				
S	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 Spray pressure Distant			
>1 /		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		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)	2-3 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.

TDS 402 Chassis Black page 2 of 4



Technical Data Sheet

Version:02

Remarks	
	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
°F/°C	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.		
Gloss	High		
Adhesion	Excellent		
Metal Protection	Excellent		

Product Data	
Colour	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	Product Name	Package Size
AU4027004000X IN8049200000X	402 Chassis Black 804 Enamel Thinner	1L, 4L 1L, 4L, 20L

TDS 402 Chassis Black page 3 of 4



Technical Data Sheet

Version:02

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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TDS 402 Chassis Black page 4 of 4