

Technical Data Sheet

Product Name	
Full Product Name	402 Chassis Black
Type of Product	1K Enamel Topcoat
Description	Concept 402 Chassis Black is a fast-drying industrial and automotive enamel topcoat, specifically formulated for truck and automotive chassis, underbodies and related components. It provides excellent coverage and a durable, uniform black finish.

Products						
Product Name	Volume Solids %	Weight Solids %	Density g/mL lbs/US gal		VOC g/L lbs/US gal	
402 Chassis Black	48.2	54.0	0.965	8.05	443.7	3.70
804 Enamel Thinner	0.0	0.0	0.802	6.69	802.0	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

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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)

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.

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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 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 m²/L (245 ft²/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

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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