


Technical Data Sheet

Product Name	
Full Product Name	S-300 Mirror Chrome
Type of Product	COB basecoat
Description	Concept S-300 Mirror Chrome is a high performance basecoat designed for use on wheels, trim components etc. When used over a 2K Black it produces a highly reflective chrome effect finish.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
S-300 Mirror Chrome	11.0	16.5	0.912	7.61	763.8	6.37

Properties
<ul style="list-style-type: none"> • Excellent appearance • Excellent flow and levelling

Substrates
<ul style="list-style-type: none"> • Concept 2K Black

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

Product Preparation

	Reducer	Ready For Use(RFU)		
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	11-14 s 9-12 s	
	Spray equipment	Gun type	Fluid tip	Spray pressure Spray Distance
		Gravity feed	1.0 mm 0.045-0.047"	200-240 kPa 2.0-2.4 bar 30-35 psi 15-20 cm 6-8 inch
		Suction feed	1.0 mm 0.045-0.047"	200-240 kPa 2.0-2.4 bar 30-35 psi 15-20 cm 6-8 inch
	HVLP	Touch up Gun	1.0 mm 0.045-0.047"	40-70 kPa 0.4-0.7 bar 6-10 psi 15-20 cm 6-8 inch
	Number of coats	2-3 minimum	Apply three even misty coats. Avoid heavy wet coats.	
	DFT Recommended	10-15 µm 0.4-0.7 mil		
	Flash off time @ 25°C (77°F)	No flash off time required.		
	Drying	Air Dry @ 25°C (77°F)	8 hours for Concept 2K black before applying S-300 Mirror Chrome	
		Low Bake @ 50°C (122°F)	30 min for 2K black before applying S-300 Mirror Chrome	

Application Processes:

1. Make shore all surfaces are clean with Concept Wax and Grease remover prior to application.
2. Mix Concept 2K Black as recommended in the TDS
3. Apply 2-3 coats of the Concept 2K Black as recommended in the TDS
4. Allow the Concept 2K Black to flash off 5 minutes, bake at 50°C for 30 min. Then apply the S-300 Mirror Chrome (no reducer is required)
5. Apply 2-3 misty coats of S-300 Mirror Chrome over the Concept 2K Black not allowing any flash between coats.
6. Air dry for 30 min before applying Concept clearcoat at 25°C
7. Once dry apply 2-3 coats of Concept Eurolak 2K Clear or HS-Pro 2K Clear as recommended on the TDS
8. If using Concept Basecoat Black and Concept HS Clearcoat (check data sheet on drying times) under the S-300 Mirror Chrome, make sure the Concept Clear is bake as recommended on the TDS before applying the S-300 Mirror Chrome. Follow then the same procedure as point 5 above.

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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.



Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Cleaning

Use recommended Concept Paints Gunwash

Dry Film Properties

After 7 days drying,
when compared to similar technology products.

Flow

Excellent

Product Data

Colour

Silver

Theoretical Coverage

Approx. 8.0 m²/L (325 ft²/US gal) @ recommended DFT

Shelf Life

36 months in an unopened container
at room temperature, away from sunlight.

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Product Packaging

Product Code 1	Product Code 2	Product Name	Package Size
AU41280630.50	AU41280630001	S-300 Mirror Chrome	500 ML, 1 LT

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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