


Technical Data Sheet

Product Name	
Full Product Name	Empress Black Basecoat
Type of Product	COB basecoat
Description	Concept Empress Black is a high-performance COB basecoat designed to match an intensely jet-black paint film on a number of OEM vehicles. It is characterised by its excellent flow coverage and appearance.









Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
Empress Black Basecoat	11.0	16.5	0.912	7.61	763.8	6.37
Basecoat Reducer	0.0	0.0	0.879	7.33	892.7	7.45
Slow Basecoat Reducer	0.0	0.0	0.893	7.45	802.0	6.69

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



Substrates	
<ul style="list-style-type: none"> • Concept HS 2K Primer • Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels. 	

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

Product Preparation

	Reducer	70% (v/v) reduction with Concept Basecoat Reducer			
	Pot life @ 25°C (77°F)	N/A			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup	17-18 s		
		Ford 4 Cup	15-16 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	3-4 minimum	Apply one coat followed by one or two even full coats, minimum. Avoid heavy wet coats.		
	DFT Recommended	20-25 µm 0.8-1.0 mil			
	Flash off time @ 25°C (77°F)	5-10 min between coats			
	Drying	Air Dry @ 25°C (77°F)	30-40 min		
<p>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.</p>					

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.

Flow	Excellent
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Product Data

Colour	Black
Theoretical Coverage	Approx. 8.0 m ² /L (325 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
AU41270030001	Empress Black Basecoat	1L
AU8039200000X	Basecoat Reducer	1L, 4L, 20L
AU80391000004	Slow Basecoat Reducer	4L

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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