

Technical Data Sheet

Product Name	
Full Product Name	Unique Acrylic Clear
Type of Product	1K acrylic clearcoat
Description	Concept Unique Acrylic Clear is a high gloss acrylic clearcoat characterised by its high UV protection properties designed for application over metallic based acrylic automotive paints. The use of high quality resins and other special raw materials ensures a glossy, flexible product, with excellent adhesion and durability.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
Unique Acrylic Clear	21.6	28.4	0.944	7.87	676.0	5.64
Acrylic Thinner	0.0	0.0	0.840	7.01	839.8	7.01
Retarder Thinner	0.0	0.0	0.884	7.38	884.0	7.38

Properties
<ul style="list-style-type: none"> • Superior performance • High gloss • Fast drying, easy to polish

Substrates
<ul style="list-style-type: none"> • Concept Unicryl 3000 Series colours

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Substrate Preparation



All Substrates



All surfaces must be clean and free from any contamination prior to application.

Product Preparation

	Reducer	150% (v/v) Concept Acrylic Thinner 5-10% Concept Retarder Thinner, if required (to minimize blooming)			
	Pot life @ 25°C (77°F)	N/A			
	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	2-3	Apply two to three even coats. Avoid heavy wet coats.		
	DFT Maximum 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)	40-60 min		
	Polishing	Sand with P1200 before polishing			

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
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Dry Film Properties

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

UV protection	High
Flexibility	High
Adhesion	Excellent
Durability	Excellent

Product Data

Colour	Water white
Theoretical Coverage	Approx. 5.0 m ² /L (205 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature, away from sunlight.

Product Packaging

Product Code 1	Product Code 2	Product Name	Package Size
A07C/CLR	3569000	Unique Acrylic Clear	1L, 4L, 20L
A08C/ACR	8029200	Acrylic Thinner	1L, 4L, 20L, 60L
A08C/RET	8109200	Retarder Thinner	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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