

Technical Data Sheet

Product Name	
Full Product Name	706 ACRYLIC SATIN & MATT CLEARS
Type of Product	1K acrylic clearcoat
Description	Concept 706 ACRYLIC SATIN & MATT CLEAR is a Acrylic clearcoat characterised by its high UV protection properties designed for application over a wide range of products. The use of high-quality resins and other special raw materials ensures a 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
706 ACRYLIC SATIN & MATT CLEAR	25.9	30.5	0.960	7.90	679.0	5.66
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
<ul style="list-style-type: none"> • Uniform appearance and flow
<ul style="list-style-type: none"> • Fast drying
<ul style="list-style-type: none"> • 10% Gloss for Matt and 30-40% Gloss for Satin

Substrates
<ul style="list-style-type: none"> • Concept Unicryl 3000 Series, No Mix, Unicolour 900 series colours
<ul style="list-style-type: none"> • Timber and sound existing substrates, do not use over NC

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Substrate Preparation



All Substrates

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

Product Preparation

	Reducer	100 to 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	1.4-1.8 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		Suction feed	1.4-1.8 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		HVLP	1.2-1.4 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		

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 cleaner, 035 Gunwash

Dry Film Properties	After 24 hours drying, <u>when compared to similar technology products.</u>
UV protection	High
Flexibility	High
Adhesion	Excellent
Durability	Excellent

Product Data	
Colour	Cloudy
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 Name	Package Size
AU7069002000X	706 ACRYLIC SATIN CLEAR	1L, 4L, 20L
AU7069001000X	706 ACRYLIC MATT CLEAR	1L, 4L, 20L
AU8029200000X	Acrylic 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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