

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

- Superior performance
- Uniform appearance and flow
- Fast drying
- 10% Gloss for Matt and 30-40% Gloss for Satin

Substrates

- Concept Unicryl 3000 Series, No Mix, Unicolour 900 series colours
- 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
Ford 4 Cup

18-19 s
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,
when compared to similar technology products.

UV protection

High

Flexibility

High

Adhesion

Excellent

Durability

Excellent

Product Data

Colour

Cloudy

Theoretical Coverage

Approx. 5.0 m²/L (205 ft²/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.

Concept Paints
26-30 Charles Street
St Marys NSW 2760
Sydney, Australia

ph. +61 (2) 9673 2555
fax. +61 (2) 9623 1918
info@conceptpaints.com.au
www.conceptpaints.com.au