

Technical Data Sheet

Product Name	
Full Product Name	760 1K Metal Clear
Type of Product	1K Direct To Metal (DTM) Acrylic Clearcoat
Description	Concept 760 1K Metal Clear is a Direct to Metal (DTM), high gloss, single pack clearcoat, designed to be used directly over aluminium, stainless steel and other common metal surfaces for aesthetics and protection. It is characterised by excellent flow, producing a high gloss and very good water resistance.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
760 1K Metal Clear	35.3	39.7	0.885	7.38	589.2	4.92
Acrylic Thinner	0.0	0.0	0.840	7.01	839.8	7.01
025 Rust Converter	7.6	14.6	0.998	8.33	270.4	2.26

Properties
<ul style="list-style-type: none"> Superior performance with fast drying
<ul style="list-style-type: none"> Excellent flow
<ul style="list-style-type: none"> Direct to metal (DTM) over various substrates

Substrates
<ul style="list-style-type: none"> Aluminium, Stainless Steel, Alloys (always check if unsure)

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







Substrate Preparation



All Substrates



All Metal surfaces must be cleaned with Concept Anti-Static Cleaner and free from any contamination prior to application.

Product Preparation

	Reducer	Up to 20% (v/v) Concept Acrylic Thinner.			
	Pot life @ 25°C (77°F)	N/A			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	18-20 s 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	3	Apply 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)	5-10 min between coats			
	Drying	Air Dry @ 25°C (77°F)	60-90 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.
NOTE:	Ensure the complete removal of any residue of Rust Converter before applying this clear coat

Equipment Cleaning	
Use recommended Concept Paints 035 Gunwash	

Dry Film Properties	
	After 7 days drying, <u>when compared to similar technology products.</u>
Gloss	High
Water resistance	Very good
Adhesion to substrate	Excellent

Product Data	
Colour	Water white
Theoretical Coverage	Approx. 3.0 m ² /L (120 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
IN7609000000X	760 1K Metal Clear	1L, 4L
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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