

Technical Data Sheet

Product Name	
Full Product Name	707 ISO Free Clear
Type of Product	Isocyanate Free 2K Acrylic Clearcoat
Description	707 ISO Free Clear is a fast drying 2K acrylic clear coat, that uses non isocyanate curing agents. It is suitable for most industrial and commercial applications, providing a non-yellowing, high gloss finish with excellent flow and durability.

Products						
Product Name	Volume Solids %	Weight Solids %		nsity lbs/US gal		OC lbs/US gal
707 Iso Free 2K Clear	38.2	46.2	0.960	8.06	606.5	5.06
307 Iso Free Hardener	35.4	40.9	0.966	8.38	520.1	4.34
831 2K Thinner Slow	0.0	0.0	0.893	7.45	892.7	7.45
831 2K Thinner Normal	0.0	0.0	0.882	7.36	881.9	7.36
831 2K Thinner Fast	0.0	0.0	0.872	7.27	871.5	7.27

Properties

- Isocyanate Free curing
- Excellent levelling and flow and durability
- Non yellowing

Substrates

- Concept No Mix Basecoat system colours
- Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels

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

Prod	uct Preparat	tion					
	Mixing Ratio			707 ISO Free C	lear	307 ISO	Free Hardener
	4:1 (by volume)			4 parts			1 part
	Reducer	Up to 20%	o (v/v)	of Concept 2K Th	ninner,	if required	d.
AB	Pot life @ 25°C (77°F)	4-5 hours					
S	Spray viscosity @ 25°C (77°F)	BSB 4 Cu Ford 4 Cu	-	19-21 s 16-18 s			
	Spray equipment	Gun type		Fluid tip		pray ssure	Spray Distance
>1 *		Gravity fe	ed	1.3-1.4 mm 0.051-0.055"	2.0-	240 kPa 2.4 bar 35 psi	15-20 cm 6-8 inch
		Suction fe	ed	1.3-1.4 mm 0.051-0.055"	2.0-	240 kPa 2.4 bar 35 psi	15-20 cm 6-8 inch
HVLP		HVLP		1.2-1.3 mm 0.047-0.051"	0.4-	70 kPa 0.7 bar 10 psi	15-20 cm 6-8 inch
	Number of coats	2-3		Apply one light co Avoid heavy wet o		wed by two	o even full coats.
	DFT Recommended	50-70 μm 2.0-2.8 mil	ls				
	Flash off time @ 25°C (77°F)	5-10 min b	etwee	en coats			
	Drying	Air Dry @ 25°C (77°	°F)	12-16 hours			
		Low Bake @ 50°C (122		30-40 min			

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Product Prepara	tion cont	
Drying	Air Dry @ 25°C (77°F)	12-16 hours
	Low Bake @ 50°C (122°F)	30-40 min
	any process. The d	ted herein and does not apply to use in combination lata is not to be considered as a warranty or quality

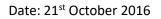
specification and we assume no liability in connection with its use.

Remarks	
	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
○ F / °C	Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Equipment Cleaning

Use recommended Concept Paints cleaner

Dry Film Properties	After 7 days drying, when compared to similar technology products.
Gloss	High
Durability	Excellent
Flow and Levelling	Excellent
Appearance	Non Yellowing



CONCEPT PAINTS®

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Product Data	
Colour	Water white
Theoretical Coverage	Approx. 7.0 m ² /L (285 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/ISO2KCLR A04C/307HARD A08C/2KTHS A08C/2KTHIN A08C/2KTHF	3579000 2919200 8319100 8319200 8319300	707 ISO Free 2K Clear 307 ISO Free Hardener 831 2K Thinner Slow 831 2K Thinner Normal 831 2K Thinner Fast	1L, 4L, 5L(Kit) 250mL, 1L 1L, 4L, 20L 1L, 4L, 20L 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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