

Technical Data Sheet

Product Name	
Full Product Name	702 Flex Clear (4:1)
Type of Product	2K Acrylic Urethane Clearcoat
Description	Concept 702 Flex Clear (4:1) is a high gloss 2K clear, ideally suited as a topcoat on any vinyl, synthetic leather or flexible surface. It is characterized by high flexibility and durability, making it suitable for truck tautliners and any other flexible vinyl and leather articles.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
702 Flex Clear 4:1	35.3	39.7	0.976	8.15	589.2	4.92
241 Hardener Slow	35.4	40.9	1.004	8.38	593.8	4.96
241 Hardener	33.9	39.9	0.986	8.23	593.1	4.95
241 Hardener Fast	33.6	40.2	0.968	8.08	578.3	4.83
830 2K Thinner Slow	0.0	0.0	0.893	7.45	892.7	7.45
830 2K Thinner	0.0	0.0	0.882	7.36	881.9	7.36
830 2K Thinner Fast	0.0	0.0	0.872	7.27	871.5	7.27

Properties
<ul style="list-style-type: none"> • High gloss
<ul style="list-style-type: none"> • Fast drying
<ul style="list-style-type: none"> • Excellent through cure
<ul style="list-style-type: none"> • Excellent levelling and flow
<ul style="list-style-type: none"> • Excellent flexibility and durability

Substrates

- Concept Unicolour 308 Vinyl Basecoat System colours
- Vinyl
- Synthetic leather
- Truck tautliners and other paintable, flexible plastic substrates













Substrate Preparation





All Substrates

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

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Product Preparation					
	Mixing Ratio		Concept 702 Flex Clear 4:1	Concept 4:1 Hardener	
			4	1	
	Reducer	Up to 5% (v/v) of Concept 2K Thinner, if required.			
	Pot life @ 25°C (77°F)	6-8 hours			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	17-18 s 15-16 s		
	Spray equipment	Gun type	Fluid tip	Spray pressure	
			Gravity feed	1.2-1.5 mm 0.047-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi
			Suction feed	1.2-1.5 mm 0.047-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi
			HVLP	1.3-1.4 mm 0.051-0.055"	40-70 kPa 0.4-0.7 bar 6-10 psi
	Number of coats	2-3	Apply one light coat followed by one or two even full coats. Avoid heavy wet coats.		
	DFT Recommended	40-50 µm 1.6-2.0 mils			
	Flash off time @ 25°C (77°F)	10-15 min between coats			
	Drying	Air Dry @ 25°C (77°F)	Overnight		
		Low Bake @ 50°C (122°F)	30 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	

Dry Film Properties	
After 7 days drying, <u>when compared to similar technology products.</u>	
Gloss	High
Flexibility	Excellent
Durability	Excellent

Product Data	
Colour	Water white
Theoretical Coverage	Approx. 6.0 m ² /L (245 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature, away from sunlight.

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Product Packaging

Product Code 1	Product Code 2	Product Name	Package Size
A07C/702	7329000	702 Flex Clear 4:1	1L, 4L
A04C/4:1S	2539100	241 Hardener Slow	1L
A04C/4:1	2539200	241 Hardener	250 mL, 1L
A04C/4:1F	2539300	241 Hardener Fast	250 mL, 1L
A08C/8312KS	8319100	831 2K Thinner Slow	1L, 4L, 20L, 60L
A08C/8312KN	8319200	831 2K Thinner	1L, 4L, 20L, 60L
A08C/8312KF	8319300	831 2K Thinner Fast	1L, 4L, 20L, 60L

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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