

# Technical Data Sheet

Product Name	
Full Product Name	<b>702 2K Flex Clear (4:1)</b>
Type of Product	2K Acrylic Urethane Clearcoat
Description	Concept 702 2K 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 2K Flex Clear (4:1)	35.3	39.7	0.976	8.15	589.2	4.92
241 PU Hardener (4:1) Slow	35.4	40.9	1.004	8.38	593.8	4.96
241 PU Hardener (4:1) Normal	33.9	39.9	0.986	8.23	593.1	4.95
241 PU Hardener (4:1) Fast	33.6	40.2	0.968	8.08	578.3	4.83
831 2K Thinner Slow	0.0	0.0	0.893	7.45	892.7	7.45
831 2K Thinner	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
• High gloss
• Fast drying
• Excellent through cure
• Excellent levelling and flow
• 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.

## Product Preparation

	<b>Mixing Ratio</b>	<b>Concept 702 2K Flex Clear (4:1)</b>		<b>Concept 241 PU Hardener</b>		
		4		1		
	<b>Reducer</b>	Up to 5% (v/v) of Concept 831 2K Thinner, if required.				
	<b>Pot life @ 25°C (77°F)</b>	6-8 hours				
	<b>Spray viscosity @ 25°C (77°F)</b>	<b>BSB 4 Cup</b>	17-18 s			
		<b>Ford 4 Cup</b>	15-16 s			
	<b>Spray equipment</b>	<b>Gun type</b>	<b>Fluid tip</b>	<b>Spray pressure</b>	<b>Spray Distance</b>	
			<b>Gravity feed</b>	1.2-1.5 mm 0.047-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
			<b>Suction feed</b>	1.2-1.5 mm 0.047-0.059"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
			<b>HVLP</b>	1.3-1.4 mm 0.051-0.055"	40-70 kPa 0.4-0.7 bar 6-10 psi	15-20 cm 6-8 inch
	<b>Number of coats</b>	2-3	Apply one light coat followed by one or two even full coats. Avoid heavy wet coats.			
	<b>DFT Recommended</b>	40-50 µm 1.6-2.0 mils				
	<b>Flash off time @ 25°C (77°F)</b>	10-15 min between coats				
	<b>Drying</b>	<b>Air Dry @ 25°C (77°F)</b>	Overnight			
		<b>Low Bake @ 50°C (122°F)</b>	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.

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 035 Gunwash	

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

Product Data	
Colour	Water white
Theoretical Coverage	Approx. 6.0 m <sup>2</sup> /L (245 ft <sup>2</sup> /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
IN7029000000X	702 2K Flex Clear (4:1)	1L, 4L
IN2419100000X	241 PU Hardener (4:1) Slow	250mL, 1L
IN2419200000X	241 PU Hardener (4:1) Normal	250mL, 1L
IN2419300000X	241 PU Hardener (4:1) Fast	250mL, 1L
IN83191000020	831 2K Thinner Slow	20L
IN83192000020	831 2K Thinner	20L
IN83193000020	831 2K Thinner Fast	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  
office@conceptpaints.com.au  
www.conceptpaints.com.au