

Technical Data Sheet

Product Name	
Full Product Name	739 2K Clear (2:1)
Type of Product	2K Acrylic Urethane Clearcoat
Description	Concept 739 2K Clear (2:1) is an economical, general-purpose, 2K acrylic urethane clearcoat, designed to produce an excellent final finish on a refinish repair without the high cost of materials, whilst providing all of the general characteristics of any typical 2K clear coat. Concept 739 2K Clear (2:1) is characterised by excellent drying, curing, gloss, flow, final finish, with excellent chemical resistance and durability.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
739 2K Clear (2:1)	37.9	43.3	1.001	8.36	568.3	4.74
213 Hardener Slow	35.4	40.9	1.004	8.38	593.8	4.96
213 Hardener Normal	33.3	39.9	0.986	8.23	593.1	4.95
213 Hardener Fast	33.6	40.2	0.968	8.08	578.3	4.83
213 Hardener Super Fast	31.5	38.9	0.938	7.83	572.7	4.78
813 2K Thinner Slow	0.0	0.0	0.893	7.45	892.7	7.45
813 2K Thinner Normal	0.0	0.0	0.882	7.36	881.9	7.36
813 2K Thinner Fast	0.0	0.0	0.872	7.27	871.5	7.27

Properties
<ul style="list-style-type: none"> Economical
<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, flow, chemical resistance and durability

Substrates

- Basecoat system colours
- Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels













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 2:1 (by volume)		739 2K Clear (2:1)	213 Hardener Normal		
			2 parts	1 part		
	Reducer	Up to 10% (v/v) of 831 2K Thinner Normal, if required.				
	Pot life @ 25°C (77°F)	4-5 hours				
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup	17-18 s			
		Ford 4 Cup	15-16 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	2-3	Apply one light coat followed by two even full coats. Avoid heavy wet coats.			
	DFT Recommended	50-70 µm 2.0-2.8 mils				
	Flash off time @ 25°C (77°F)	5-10 min between coats				
	Drying	Air Dry @ 25°C (77°F)	12-16 hours			
		Low Bake @ 50°C (122°F)	20-30 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	Excellent
Chemical resistance	Excellent
Durability	Excellent

Product Data	
Colour	Water white
Theoretical Coverage	Approx. 8.5 m ² /L (345 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/7392KCLR	3699000	739 2K Clear (2:1)	4L
A04C/UNIMSS	2139100	213 Hardener Slow	500mL, 1L
A04C/UNIMSN	2139200	213 Hardener Normal	500ml, 1L
A04C/UNIMSF	2139300	213 Hardener Fast	500mL, 1L
A04C/UNIMSSF	2139400	213 Hardener Super Fast	500mL, 1L
A08C/2KTHS	8319100	813 2K Thinner Slow	1L, 4L, 20L
A08C/2KTHIN	8319200	813 2K Thinner Normal	1L, 4L, 20L
A08C/2KTHF	8319300	813 2K Thinner Fast	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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