

Technical Data Sheet

Product Name	
Full Product Name	Acrylic Satin Paint
Type of Product	1K acrylic satin paint for bumper bars
Description	Concept Acrylic Satin Paint is a flexible factory pack acrylic satin coating, designed specifically for use on bumper bars made from PP, EPDM or TPO. It is characterized by an even satin finish with excellent flexibility and adhesion. Acrylic Satin Paint is available in three (3) colours.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
Acrylic Satin Paint Black	26.4	33.1	0.954	7.96	638.9	5.33
Acrylic Satin Paint EA Grey	27.8	35.6	0.981	8.19	631.9	5.27
Acrylic Satin Paint VN Grey	27.3	34.2	0.969	8.08	637.2	5.32
Acrylic Thinner	0.0	0.0	0.840	7.01	839.8	7.01
Retarder Thinner	0.0	0.0	0.884	7.38	884.0	7.38

Properties
<ul style="list-style-type: none"> Flexible
<ul style="list-style-type: none"> Satin gloss

Substrates
<ul style="list-style-type: none"> New bumper bars primed with Concept Plastic Primer
<ul style="list-style-type: none"> Sound existing finishes

Technical Data Sheet











Substrate Preparation





All Substrates

Except for surfaces primed with Concept Plastic Primer, all other surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application.

Product Preparation

	Reducer	100% (v/v) of Concept Acrylic Thinner 5 – 10% (v/v) Retarder Thinner, if required (to minimise blooming)			
	Pot life @ 25°C (77°F)	N/A			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup	18-19 s		
		Ford 4 Cup	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	2-3	Apply two or three even full coats. Avoid heavy wet coats.		
	DFT Recommended	40-50 µm 1.6-2.0 mils			
	Flash off time @ 25°C (77°F)	5 min between coats			
	Drying	Air Dry @ 25°C (77°F)	40-60 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 cleaner	

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

Product Data	
Colour	Black, EA Grey, VN Grey
Gloss	Satin
Theoretical Coverage	Approx. 5 m ² /L (205 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
A03D/ASATBLK	1617002	Acrylic Satin Paint Black	1L, 4L, 20L
A03D/ASATEA	1616024	Acrylic Satin Paint EA Grey	1L, 4L
A03D/ASATVN	1616025	Acrylic Satin Paint VN Grey	1L, 4L
A08C/ACR	8029200	Acrylic Thinner	1L, 4L, 20L, 60L, 200L
A08C/RET	8109200	Retarder Thinner	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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