

# Technical Data Sheet

Product Name	
Full Product Name	<b>1K Bumper Bar</b>
Type of Product	1K paint for bumper bars
Description	Concept 1K Bumper Bar Paint is a flexible factory pack coating, designed specifically for use on bumper bars.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
1K Bumper Bar - Black	19.1	25.6	0.934	7.79	695.4	5.80
1K Bumper Bar - Grey	19.1	25.6	0.934	7.79	695.4	5.80
808 Multi Thinner	0.0	0.0	0.805	6.71	803.5	6.71

Properties
<ul style="list-style-type: none"> <li>• Flexible</li> </ul>
<ul style="list-style-type: none"> <li>• Satin gloss</li> </ul>
<ul style="list-style-type: none"> <li>• Smooth finish</li> </ul>

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









## 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

	<b>Reducer</b>	Up to 30% (v/v) of Concept 808 Multi Thinner, if required.			
	<b>Pot life</b> @ 25°C (77°F)	N/A			
	<b>Spray viscosity</b> @ 25°C (77°F)	<b>BSB 4 Cup</b>	18-20 s		
		<b>Ford 4 Cup</b>	16-17 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>	1.3-1.4 mm 0.051-0.055"	200-240 kPa 2.0-2.4 bar 30-35 psi	15-20 cm 6-8 inch
		<b>Suction feed</b>	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
		<b>HVLP</b>	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
	<b>Number of coats</b>	2-3	Apply two or three even full coats. Avoid heavy wet coats.		
	<b>DFT Recommended</b>	40-50 µm 1.6-2.0 mils			
	<b>Flash off time</b> @ 25°C (77°F)	5 min between coats			
	<b>Drying</b>	<b>Air Dry</b> @ 25°C (77°F)	2-3 hours		

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>	
Flexibility	Excellent

Product Data	
Colour	Black or Grey
Gloss	Satin to Gloss finish
Theoretical Coverage	Approx. 3 m <sup>2</sup> /L (120 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
AU48170000001	1K Bumper Bar - Black	1L
AU48162000001	1K Bumper Bar - Grey	1L
AU8089200000X	808 Multi Thinner	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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