

# Technical Data Sheet

Product Name	
Full Product Name	<b>Acrylic Satin Paint</b>
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 Black	26.4	33.1	0.954	7.96	638.9	5.33
Acrylic Satin EA Grey	27.8	35.6	0.981	8.19	631.9	5.27
Acrylic Satin 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
810 Retarder Thinner	0.0	0.0	0.884	7.38	884.0	7.38

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



### Reducer

100% (v/v) of Concept Acrylic Thinner  
5 – 10% (v/v) 810 Retarder Thinner, if required (to minimise blooming)



### Pot life @ 25°C (77°F)

N/A



### Spray viscosity @ 25°C (77°F)

**BSB 4 Cup**  
**Ford 4 Cup**

18-19 s  
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 035 Gunwash

## Dry Film Properties

After 7 days drying,  
**when compared to similar technology products.**

**Flexibility**

Excellent

## Product Data

<b>Colour</b>	Black, EA Grey, VN Grey
<b>Gloss</b>	Satin
<b>Theoretical Coverage</b>	Approx. 5 m <sup>2</sup> /L (205 ft <sup>2</sup> /US gal) @ recommended DFT
<b>Shelf Life</b>	36 months in an unopened container at room temperature away from sunlight.

## Product Packaging

Product Code	Product Name	Package Size
AU4067002000X	Acrylic Satin Black	1L, 4L
AU40660240001	Acrylic Satin EA Grey	1L
AU40660250001	Acrylic Satin VN Grey	1L
AU8029200000X	Acrylic Thinner	1L, 4L, 20L
AU8109200000X	810 Retarder 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.

The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check if the information is current and the product is suitable for its intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved.

We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.

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