



# Technical Data Sheet

## Jet Acrylic Black

1K Acrylic Topcoat

Date: 21<sup>st</sup> October 2016

Version:01

Product Name	
Full Product Name	<b>Jet Acrylic Black</b>
Type of Product	1K acrylic topcoat
Description	Spray Chief Jet Acrylic Black is a high gloss 1K acrylic Topcoat, characterised by its excellent adhesion and long term durability.

Products						
Product Name	Volume Solids	Weight Solids	Density		VOC	
	%	%	g/mL	lbs/US gal	g/L	lbs/US gal
Jet Acrylic Black	26.7	32.8	0.943	7.87	633.5	5.29
Acrylic Thinner	0.0	0.0	0.840	7.01	839.8	7.01

Properties
<ul style="list-style-type: none"> <li>• Excellent adhesion</li> </ul>
<ul style="list-style-type: none"> <li>• High gloss</li> </ul>

Substrates
<ul style="list-style-type: none"> <li>• Spray Chief 1K Etch Primer Black</li> </ul>
<ul style="list-style-type: none"> <li>• Spray Chief Epoxy Primer (4:1) Black, White or Grey</li> </ul>
<ul style="list-style-type: none"> <li>• Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels.</li> </ul>



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### Substrate Preparation



#### All Substrates

All surfaces must be thoroughly sanded and cleaned with a suitable Wax & Grease Remover prior to application.

### Product Preparation



#### Reducer

100% (v/v) of Spray Chief Acrylic Thinner  
If required 5 – 10% (v/v) of Concept Retarder may be added to minimize 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

3-4

Apply three to four 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



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
Version:01

### Product Preparation cont

	<b>Drying</b>	<b>Air Dry</b> @ 25°C (77°F)	40-60 min
	<b>Polishing</b>	Sand thoroughly with P1200 before polishing.	

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 Spray Chief cleaner

### Dry Film Properties

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

<b>Adhesion</b>	Excellent
<b>Durability</b>	Excellent



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Colour	Black
Theoretical Coverage	Approx. 5 m <sup>2</sup> /L (205 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 1	Product Code 2	Product Name	Package Size
A16/JETB	8677000	Jet Acrylic Black	1L, 4L
A16/ACR	8689200	Acrylic Thinner	1L, 4L, 20L

Safety
<p>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.</p> <p>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</p>



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This Technical Data Sheet supersedes all previous issues.

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