

Product Name	
Full Product Name	<b>Plastic Primer</b>
Type of Product	1K primer for bumper bars
Description	Concept Plastic Primer is a general, easy to apply primer, formulated and characterised by excellent adhesion to most commonly used plastic surfaces as a sound foundation for topcoats. It is suitable for use under the Concept 2K product range, Concept No Mix, Concept 900 2K Basecoat, Concept Unicryl 3000 and Concept Unicolour 300.

Products					
Product Name	Volume Solids	Weight Solids	Density		VOC
	%	%	g/mL	lbs/US gal	g/L lbs/US gal
Plastic Primer	3.4	4.0	0.875	7.31	840.6 7.02
Plastic Primer Silver	3.5	4.3	0.877	7.32	839.4 7.01

Properties
<ul style="list-style-type: none"> <li>Ready to use</li> <li>Easy to apply</li> </ul>

Substrates
<ul style="list-style-type: none"> <li>ABS, PP/EPDM, PP, TPO, SAN, PC, PA, PUR-RIM, R-TPU, PPO, PBT, PUR, SOFT FOAM, UP-GF</li> <li>Glass reinforced polyester (GRP), thoroughly sanded and cleaned</li> <li>Note: Not suitable for vinyl upholstery</li> </ul>

## Substrate Preparation



### All Substrates

- Wipe all plastic surfaces with warm soapy water then sand area with scotch brite.
- Clean all areas to be painted with Concept Antistatic Cleaner before application of Concept Plastic Primer.

## Product Preparation



### Reducer

Not required – product supplied ready to use.



### Pot life @ 25°C (77°F)

N/A



### Spray viscosity @ 25°C (77°F)

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

11-12 s  
10-11 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

1-2

Apply one or two even coats, maximum  
Avoid heavy wet coats.



### DFT Recommended

5 µm  
0.2 mils



### Flash off time @ 25°C (77°F)

5 min between coats



### Drying

**Air Dry**  
**@ 25°C (77°F)**

30-40 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.

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

# Technical Data Sheet

Version:01

## 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,  
**when compared to similar technology products.**

Flexibility

Excellent

Adhesion

Excellent

## Product Data

Colour

Water white

Theoretical Coverage

Approx. 6.0 m<sup>2</sup>/L (245 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
A03D/PP	1649000	Plastic Primer	500 mL, 1L, 4L, 20L
A03D/PPS	1648000	Plastic Primer Silver	500 mL, 1L, 4L

## 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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