

Technical Data Sheet

Product Name	
Full Product Name	Two in One Primer
Type of Product	1K acrylic high build primer filler
Description	Concept Two in One Primer as its name suggests, is two systems in one: 1K primer and a putty. A high build acrylic based product, its unique formulation ensures that there is no need to apply a putty and a primer over the prepared surface. Two in One Primer is the only product required before topcoat.

Products						
Product Name	Volume Solids	Weight Solids	Density		VOC	
	%	%	g/mL	lbs/US gal	g/L	lbs/US gal
Two in One Primer	29.8	51.0	1.209	10.09	592.7	4.95
Multi-Thinner	0.0	0.0	0.805	6.71	803.5	6.71

Properties
<ul style="list-style-type: none"> • High build
<ul style="list-style-type: none"> • Two in one (primer and a putty)
<ul style="list-style-type: none"> • Easy to sand

Substrates
<ul style="list-style-type: none"> • Mild steel surfaces primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey
<ul style="list-style-type: none"> • Aluminium, primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey
<ul style="list-style-type: none"> • Stainless steel grade 316 primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey
<ul style="list-style-type: none"> • Galvanised steel, Zinalume, Zincanneal primed with Concept 103 Etch Primer or Concept 110 Metal Etch - Grey
<ul style="list-style-type: none"> • Glass reinforced polyester (GRP & general types of fibreglass body parts)
<ul style="list-style-type: none"> • Sound existing coatings

Substrate Preparation



All Substrates

All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application. Lightly rusted surfaces must be treated with Concept Light Rust & Metal Converter.

Product Preparation



Reducer

50% (v/v) of Concept Multi-Thinner.



Pot life @ 25°C (77°F)

N/A



Spray viscosity @ 25°C (77°F)

BSB 4 Cup
Ford 4 Cup

20-23 s
17-20 s



Spray equipment

Gun type

Fluid tip

Spray pressure

Spray Distance



Gravity feed

1.4-1.8 mm
0.055-0.071"

200-240 kPa
2.0-2.4 bar
30-35 psi

15-20 cm
6-8 inch



Suction feed

1.4-1.8 mm
0.055-0.071"

200-240 kPa
2.0-2.4 bar
30-35 psi

15-20 cm
6-8 inch



HVLP

1.5-1.8 mm
0.059-0.071"

40-70 kPa
0.4-0.7 bar
6-10 psi

15-20 cm
6-8 inch



Number of coats

2-3

Apply one coat followed by one or two even full coats. Avoid heavy wet coats.



DFT Recommended

50-80 µm
2.0-3.2 mils



Flash off time @ 25°C (77°F)

5 min between coats



Drying

Air Dry
@ 25°C (77°F)



40-60 min



Sanding

Wet sand with P600-P800 before applying finish coat, or Dry sand with P240 followed by P400-P500 using an orbital sander

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, when compared to similar technology products.	
Adhesion	Excellent
Corrosion protection	Excellent
Durability	Excellent

Product Data	
Colour	Beige
Theoretical Coverage	Approx. 3.5 m ² /L (145 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
A03C/BEI	1076100	Two in One Primer	1L, 4L, 20L
A08C/MT	8089200	Multi -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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