

Technical Data Sheet

Product Name

Full Product Name	Basecoat Mixed Colours
Type of Product	2K basecoat
Description	Concept Basecoat Mixed Colours are part of a high performance 2K Clear Over Base (C.O.B) system designed in Australia for the Australian Market. They are characterised by their high opacity and excellent flow.

Products

Product Name	Volume Solids	Weight Solids	Density		VOC	
	%	%	g/mL	lbs/US gal	g/L	lbs/US gal
Basecoat Mixed Colour	Depending on the colour					
Basecoat Reducer	0.0	0.0	0.879	7.33	878.9	7.33
Basecoat Reducer Slow	0.0	0.0	0.893	7.45	892.7	7.45

Properties

- High performance
- Excellent flow
- High opacity

Substrates

- Concept HS 2K Primer
- Sound existing surfaces, except for unstable surfaces such as nitrocellulose or enamels

Substrate Preparation



All Substrates

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

Product Preparation



Reducer

80-100% (v/v) Concept Basecoat Reducer



Pot life @ 25°C (77°F)

N/A



Spray viscosity @ 25°C (77°F)

BSB 4 Cup
Ford 4 Cup

17-18 s
15-16 s



Spray equipment

Gun type

Fluid tip

Spray pressure

Spray Distance



Gravity Feed

1.2-1.4 mm
0.047-0.055"

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

15-20 cm
6-8 inch



Suction feed

1.5-2.0 mm
0.059-0.079"

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



Airless, Air Assisted, Electrostatic

Consult the manufacturer's instructions.



Number of coats

2-3



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






DFT Recommended

20-25 µm
0.8-1.0 mil

Product Preparation cont

	Flash off time @ 25°C (77°F)	5-10 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.			

Remarks

	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
	Before application a colour comparison is recommended
	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.

Opacity

High

Product Data

Theoretical Coverage

Approx. 8.0 m²/L (325 ft²/US gal) @ recommended DFT

Shelf Life

36 months in an unopened container
at room temperature away from sunlight.

Technical Data Sheet

Product Packaging

Product Code 1	Product Code 2	Product Name	Package Size
A06C/312/xxx	312XXXX	Basecoat Mixed Colours	>100L
A08C/BCTHIN	8039200	Basecoat Reducer	1L, 4L, 20L, 60L
A08C/BCTHINS	8039100	Basecoat Reducer Slow	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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