

Technical Data Sheet

Product Name	
Full Product Name	Acrylic Mixed Colours
Type of Product	1K acrylic topcoat
Description	Concept Acrylic Mixed Colours are thermoplastic acrylic topcoats ideally suited for automotive components. They are characterised by their high gloss, 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
Acrylic Mixed Colours						
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"> High performance
<ul style="list-style-type: none"> Excellent flow
<ul style="list-style-type: none"> High opacity

Substrates
<ul style="list-style-type: none"> Concept Acrylic Primer - Grey
<ul style="list-style-type: none"> Concept Two in One Primer - Beige
<ul style="list-style-type: none"> Concept 103 Etch Primer
<ul style="list-style-type: none"> Concept 111 Universal Primer (HB)
<ul style="list-style-type: none"> 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	100% (v/v) Concept Acrylic Thinner 5 – 10% 810 Retarder Thinner may be added (to minimise blooming)			
	Pot life @ 25°C (77°F)	N/A			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup	18-19 s		
		Ford 4 Cup	16-17 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	3-4	Apply one light coat followed by two or three even full coats. Avoid heavy wet coats.		
	DFT Recommended	40-50 µm 1.6-2.0 mils			

Product Preparation cont

	Flash off time @ 25°C (77°F)	5 min between coats	
	Drying	Air Dry @ 25°C (77°F)	40-60 min
	Polishing	Sand thoroughly with P1200 before buffing	
<p>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.</p>			

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 035 Gunwash

Dry Film Properties

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

Opacity

High

Product Data

Theoretical Coverage

Approx. 5.0 m²/L (205 ft²/US gal) @ recommended DFT

Shelf Life

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

Product Packaging

Product Code	Product Name	Package Size
AU406XXXXXXXX	Acrylic Mixed Colours	>100L
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