


Product Name	
Full Product Name	<b>1K Full Gloss Acrylic Clear</b>
Type of Product	1K acrylic clearcoat
Description	Concept 1K Full Gloss Acrylic Clear is a high-gloss acrylic clearcoat, characterised by its smooth, even finish with excellent flexibility, hardness, and water resistance.









Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
1K Full Gloss Acrylic Clear	28.1	34.5	0.944	7.88	617.9	5.16
Lacquer Thinner	0.0	0.0	0.840	7.01	839.8	7.01

Properties
<ul style="list-style-type: none"> <li>• Smooth finish</li> </ul>
<ul style="list-style-type: none"> <li>• Excellent flexibility</li> </ul>



Substrates
<ul style="list-style-type: none"> <li>• Concept 1K Timber Sealer</li> </ul>
<ul style="list-style-type: none"> <li>• Concept 2K Timber Sealer (4:1)</li> </ul>

Substrate Preparation	
 <b>All Substrates</b>	All surfaces must be thoroughly sanded prior to application. Ensure all surfaces are clean and free from loose particles.

## Product Preparation

	<b>Reducer</b>	150% (v/v) of Concept Lacquer Thinner			
	<b>Pot life</b> @ 25°C (77°F)	N/A			
	<b>Spray viscosity</b> @ 25°C (77°F)	<b>BSB 4 Cup</b> <b>Ford 4 Cup</b>	18-19 s 16-17 s		
	<b>Spray equipment</b>	<b>Gun type</b>	<b>Fluid tip</b>	<b>Spray pressure</b>	<b>Spray Distance</b>
		<b>Gravity feed</b>	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
		<b>Suction feed</b>	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
		<b>HVLP</b>	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
	<b>Number of coats</b>	2-3	Apply one coat followed by one or two even full coats. Avoid heavy wet coats.		
	<b>DFT Recommended</b>	40-50 µm 1.6-2.0 mils			
	<b>Flash off time</b> @ 25°C (77°F)	5 min between coats			
	<b>Drying</b>	<b>Air Dry</b> @ 25°C (77°F)	40-60 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.
	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.**

<b>Hardness</b>	Excellent
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<b>Water resistance</b>	Excellent
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## Product Data

<b>Colour</b>	Semi-transparent
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<b>Gloss</b>	High
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<b>Theoretical Coverage</b>	Approx. 5.0 m <sup>2</sup> /L (205 ft <sup>2</sup> /US gal) @ recommended DFT
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<b>Shelf Life</b>	36 months in an unopened container at room temperature away from sunlight.
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## Product Packaging

Product Code	Product Name	Package Size
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TI7069000000X	1K Full Gloss Acrylic Clear	4L, 20L
TI8029200000X	Lacquer Thinner	4L, 20L

## Safety

For professional use only. Read and follow all label and Safety Data Sheet (SDS) precautions before opening or using. If mixed with other components, the mixture will have hazards of all individual components. Use approved respiratory protection and Personal Protective Equipment (PPE). Ensure adequate ventilation.

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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