



Technical Data Sheet

Product Name	
Full Product Name	1K Full Gloss Acrylic White
Type of Product	1K acrylic topcoat
Description	Concept 1K Full Gloss Acrylic White is a high-gloss acrylic white topcoat, characterised by its smooth, even finish with excellent flexibility, hardness, and water resistance.

Products						
Product Name	Volume Solids %	Weight Solids %	Dens g/mL lbs			OC lbs/US gal
1K Full Gloss Acrylic White Lacquer Thinner	29.1 0.0	46.6 0.0	1.153 0.840	9.62 7.01	552.2 839.8	4.61 7.01

Properties

- Smooth finish
- Excellent flexibility

Substrates

- Concept 1K Timber Sealer
- Concept 1K Timber Primer White
- Concept 2K Timber Sealer (4:1)
- Concept 2K Timber Primer White (4:1)

Date: 21st October 2021

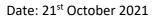


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Substrate Preparation	
All Substrates	All surfaces must be thoroughly sanded prior to application. Ensure all surfaces are clean and free from loose particles.

Product Preparation						
	Reducer	150% (v/v) of Concept Lacquer Thinner				
AB	Pot life @ 25°C (77°F)	N/A				
S	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	18-19 s 16-17 s			
	Spray equipment	Gun type	Fluid tip Spray pressure		Spray Distance	
>1 4		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		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	2-3	Apply one coat followed by one or two even full coats Avoid heavy wet coats.			
	DFT Recommended	40-50 μm 1.6-2.0 mils				
	Flash off time @ 25°C (77°F)	5-10 min between coats				
	Drying	Air Dry 40-60 min @ 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.						



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Remarks	
	Stir all products thoroughly each time before use. Stir the mixture well after the weigh-out of the components.
₽°F / °C	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.
Hardness	Excellent
Water resistance	Excellent

Product Data	
Colour	White
Gloss	High
Theoretical Coverage	Approx. 5.0 m ² /L (205 ft ² /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
TI4066000020 TI8029200000X	1K Full Gloss Acrylic White Lacquer Thinner	20L 4L, 20L



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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.

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