Date: 21st October 2021



Technical Data Sheet

Product Name	
Full Product Name	1K Full Gloss Acrylic Clear
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 %	Den s g/mL lb	sity os/US gal		OC bs/US gal
1K Full Gloss Acrylic Clear Lacquer Thinner	28.1 0.0	34.5 0.0	0.944 0.840	7.88 7.01	617.9 839.8	5.16 7.01

Properties

- Smooth finish
- Excellent flexibility

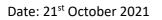
Substrates

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

Substrate Preparation

All Substrates

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



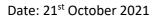


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Product Preparation						
	Reducer	150% (v/v) of Concept Lacquer Thinner				
A B	Pot life @ 25°C (77°F)	N/A				
S	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup				
	Spray equipment	Gun type			Spray Distance	
> 1		Gravity feed	1.3-1.4 mm 0.051-0.055"	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 min between coats				
	Drying	Air Dry @ 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.
₽°F/°C	Surface temperature must always be a minimum of 3°C (5°F) above dew point.





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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	Semi-transparent
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
TI706900000X TI8029200000X	1K Full Gloss Acrylic Clear Lacquer Thinner	4L, 20L 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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