


Technical Data Sheet

Product Name	
Full Product Name	2K 30% Gloss Timber Clear (2:1)
Type of Product	2K polyurethane clearcoat
Description	Concept 2K 30% Gloss Timber Clear (2:1) is a satin gloss 2K clearcoat for timber substrates. It is characterised by its superior flow, very high gloss and exceptional chemical resistance, flexibility and hardness.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
2K 30% Gloss Timber Clear (2:1)	39.8	48.3	1.017	8.48	526.6	4.39
2K Timber Hardener (2:1)	41.9	48.4	1.005	8.39	517.7	4.32
2K Thinner	0.0	0.0	0.882	7.36	881.9	7.36













Properties
<ul style="list-style-type: none"> Superior flow
<ul style="list-style-type: none"> Excellent flexibility

Substrates
<ul style="list-style-type: none"> Concept 1K Timber Sealer
<ul style="list-style-type: none"> 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

	Mixing Ratio 2:1 (by volume)	Concept 30% Gloss 2K Timber Clear (2:1)		Concept 2K Timber Hardener (2:1)		
		2 parts		1 part		
	Reducer	5% (v/v) of Concept 2K Thinner may be added, if required				
	Pot life @ 25°C (77°F)	2-3 hours				
	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	
			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	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	50-60 µm 2.0-2.4 mils				
	Flash off time @ 25°C (77°F)	5-10 min between coats				
	Drying	Air Dry @ 25°C (77°F)	12-16 hours			
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.
	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, <u>when compared to similar technology products.</u>
Gloss @60°	30% (Satin)
Hardness	Excellent
Chemical resistance	Excellent

Product Data	
Colour	Water white
Gloss	High-gloss
Theoretical Coverage	Approx. 7.0 m ² /L (285 ft ² /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature away from sunlight.

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Product Packaging

Product Code	Product Name	Package Size
TI7789000000X	2K 30% Gloss Timber Clear (2:1)	4L, 20L
TI72292000001	2K Timber Hardener (2:1)	1L
TI8319200000X	2K 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.
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 (PPE). Ensure adequate ventilation.

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This Technical Data Sheet supersedes all previous issues.

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