


Technical Data Sheet

Product Name	
Full Product Name	2K Timber Primer - White (4:1)
Type of Product	2K polyurethane primer
Description	Concept 2K Timber Primer - White (4:1) is a high performance 2K primer designed for use over a variety of wooden substrates. It is characterised by its excellent filling properties, ease of sanding, flexibility, and hardness.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
2K Timber Primer – White (4:1)	55.0	75.4	1.618	13.50	397.8	3.32
2K Timber Primer Hardener	31.5	38.9	0.938	7.83	572.7	4.78
2K Thinner	0.0	0.0	0.882	7.36	881.9	7.36

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

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



Substrate Preparation	
 All Substrates	Ensure all surfaces are clean and free from loose particles. Fill any imperfections with a suitable wood putty. Sand the surface with 180 Frecut if required.

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Product Preparation

	Mixing Ratio 4:1 (by volume)	Concept 2K Timber Primer - White (4:1)		Concept 2K Timber Primer Hardener	
		4 parts		1 part	
	Reducer	Up to 10% (v/v) of Concept 2K Thinner.			
	Pot life @ 25°C (77°F)	2-3 hours			
	Spray viscosity @ 25°C (77°F)	BSB 4 Cup Ford 4 Cup	25-27 s 22-24 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	50-80 µm 2.0-3.2 mils			
	Flash off time @ 25°C (77°F)	5-10 min between coats			
	Drying	Air Dry @ 25°C (77°F)	3-4 hours		
	Sanding	Sand thoroughly with P240-P320 Frecut before applying finish coat.			
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>	
Hardness	Excellent
Chemical 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
TI1336000000X	2K Timber Primer - White (4:1)	4L, 5L (Kit)
TI21392000001	2K Timber Primer Hardener	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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