

Technical Data Sheet

Product Name	
Full Product Name	2K Timber Sealer (4:1)
Type of Product	2K polyurethane sealer
Description	Concept 2K Timber Sealer (4:1) is a high performance 2K sealer designed for use over a variety of wooden substrates. It is characterised by its good clarity, 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 Sealer (4:1)	27.9	33.2	0.942	7.86	629.2	5.25
2K Timber Sealer Hardener	28.9	34.8	0.966	8.06	629.7	5.26
2K Thinner	0.0	0.0	0.882	7.36	881.9	7.36

Properties
<ul style="list-style-type: none"> • Good clarity
<ul style="list-style-type: none"> • Excellent filling properties

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

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. Stain the surface, if required.

Product Preparation

	Mixing Ratio 4:1 (by volume)	Concept 2K Timber Sealer (4:1)		Concept 2K Timber Sealer Hardener	
		4 parts		1 part	
	Reducer	Up to 10% (v/v) of Concept 2K Thinner.			
	Pot life @ 25°C (77°F)	16-24 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	Apply 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 @ 25°C (77°F)	2-3 hours		

Product Preparation cont

	Sanding	Sand thoroughly with P240-P320 Frecut before applying finish coat.
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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.

Hardness	Excellent
Chemical resistance	Excellent
Flexibility	Excellent
Ease of sanding	Excellent

Product Data

Colour	Water white
Theoretical Coverage	Approx. 6.0 m ² /L (245 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
TI1349000000X	2K Timber Sealer (4:1)	4L, 5L (Kit), 20L
TI13492000001	2K Timber Sealer 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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