

# Technical Data Sheet

Product Name	
Full Product Name	<b>1K Timber Primer</b>
Type of Product	1K acrylic primer
Description	Concept 1K Timber Primer is a high build acrylic based primer, designed for use over a variety of wooden substrates. It is characterised by its excellent filling properties, sanding, flexibility and hardness.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
1K Timber Primer	29.5	50.7	1.206	10.07	594.3	4.96
Lacquer Thinner	0.0	0.0	0.840	7.01	839.8	7.01

Properties
<ul style="list-style-type: none"> <li>• Excellent filling</li> <li>• High build</li> <li>• Excellent flexibility</li> <li>• Easy to sand</li> </ul>

Substrates
<ul style="list-style-type: none"> <li>• Solid timber</li> <li>• Veneer</li> <li>• MDF</li> <li>• Particle board</li> </ul>

## 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.

## Product Preparation



	<b>Reducer</b>	50% (v/v) of Concept Lacquer Thinner			
	<b>Pot life</b> @ 25°C (77°F)	N/A			
	<b>Spray viscosity</b> @ 25°C (77°F)	<b>BSB 4 Cup</b> <b>Ford 4 Cup</b>	20-23 s 17-20 s		
	<b>Spray equipment</b>	<b>Gun type</b>	<b>Fluid tip</b>	<b>Spray pressure</b>	<b>Spray Distance</b>
		<b>Gravity feed</b>	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
		<b>Suction feed</b>	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
		<b>HVLP</b>	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
	<b>Number of coats</b>	2-3	Apply one coat followed by one or two even full coats. Avoid heavy wet coats.		
	<b>DFT Recommended</b>	50-80 µm 2.0-3.2 mils			
	<b>Flash off time</b> @ 25°C (77°F)	5-10 min between coats			

## Product Preparation cont

	<b>Drying</b>	<b>Air Dry</b> @ 25°C (77°F)	40-60 min
	<b>Sanding</b>	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.

## 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 cleaner

## Dry Film Properties

After 7 days drying,  
**when compared to similar technology products.**

<b>Hardness</b>	Excellent
<b>Flexibility</b>	Excellent

Product Data	
Colour	White
Gloss	Matt
Theoretical Coverage	Approx. 3.5 m <sup>2</sup> /L (145 ft <sup>2</sup> /US gal) @ recommended DFT
Shelf Life	36 months in an unopened container at room temperature away from sunlight.

Product Packaging			
Product Code 1	Product Code 2	Product Name	Package Size
A15/1KPRIMER	7526000	1K Timber Primer	4L, 20L
A15/LACTHIN	7989200	Lacquer Thinner	4L, 20L, 60L

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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