

# Technical Data Sheet

Product Name	
Full Product Name	<b>1K Timber Sealer</b>
Type of Product	1K acrylic sealer
Description	Concept 1K Timber Sealer is a high performance 1K sanding sealer designed for use over a variety of wooden substrates. It is very fast drying, with good clarity, excellent filling, sanding, flexibility and hardness properties.

Products					
Product Name	Volume Solids	Weight Solids	Density		VOC
	%	%	g/mL	lbs/US gal	g/L lbs/US gal
1K Timber Sealer	14.2	19.9	0.932	7.78	746.2
Lacquer Thinner	0.0	0.0	0.840	7.01	6.23594.3

Properties
<ul style="list-style-type: none"> <li>• Excellent filling</li> <li>• Fast drying</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.
- Stain the surface, if required

## Product Preparation

	<b>Reducer</b>	Ready for use Up to 10% (v/v) of Concept Lacquer Thinner may be added, if required			
	<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>	20-22 s 17-19 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	Apply two even full coats. Avoid heavy wet coats.		
	<b>DFT Recommended</b>	15-25 µm 06-1.0 mil			
	<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)	60-70 min
---	---------------	---------------------------------	-----------

	<b>Sanding</b>	Sand thoroughly with P220-P240 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>Clarity</b>	Good

Product Data	
Colour	Semi transparent
Theoretical Coverage	Approx. 6.0 m <sup>2</sup> /L (245 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
A15/1KSEALER	7519000	1K Timber Sealer	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.

The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check if the information is current and the product is suitable for its intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved.

We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.

This Technical Data Sheet supersedes all previous issues.

Concept Paints  
26-30 Charles Street  
St Marys NSW 2760  
Sydney, Australia

ph. +61 (2) 9673 2555  
fax. +61 (2) 9623 1918  
info@conceptpaints.com.au  
www.conceptpaints.com.au