


# Technical Data Sheet

Product Name	
Full Product Name	<b>30% Gloss 2K Timber Clear (2:1)</b>
Type of Product	2K polyurethane clearcoat
Description	Concept 30% Gloss 2K 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
30% Gloss 2K Timber Clear (2:1)	39.8	48.3	1.017	8.48	526.6	4.39
2K Timber Hardener	41.9	48.4	1.005	8.39	517.7	4.32
2K Thinner Slow	0.0	0.0	0.893	7.45	892.7	7.45
2K Thinner	0.0	0.0	0.882	7.36	881.9	7.36
2K Thinner Fast	0.0	0.0	0.872	7.27	871.5	7.27










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

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

Substrate Preparation	
 <b>All Substrates</b>	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

	<b>Mixing Ratio</b> 2:1 (by volume)	<b>Concept 30% Gloss 2K Timber Clear (2:1)</b>		<b>Concept 2K Timber Hardener</b>	
		2 parts		1 part	
	<b>Reducer</b>	5% (v/v) of Concept 2K Thinner may be added, if required			
	<b>Pot life</b> @ 25°C (77°F)	2-3 hours			
	<b>Spray viscosity</b> @ 25°C (77°F)	<b>BSB 4 Cup</b>	18-19 s		
		<b>Ford 4 Cup</b>	16-17 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>	50-60 µm 2.0-2.4 mils			
	<b>Flash off time</b> @ 25°C (77°F)	5-10 min between coats			
	<b>Drying</b>	<b>Air Dry</b> @ 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.

# Technical Data Sheet

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, <b><u>when compared to similar technology products.</u></b>	
Gloss @60°	30% (Satin)
Hardness	Excellent
Chemical resistance	Excellent

Product Data	
Colour	Water white
Gloss	High-gloss
Theoretical Coverage	Approx. 7.0 m <sup>2</sup> /L (285 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
A15/2K30CLEAR	7789000	30% Gloss 2K Timber Clear (2:1)	4L, 20L
A15/2KHARD	7939200	2K Timber Hardener	1L
A08C/2KTHS	8319100	2K Thinner Slow	4L, 20L, 60L
A08C/2KTHIN	8319200	2K Thinner	4L, 20L, 60L
A08C/2KTHF	8319300	2K Thinner Fast	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.

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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