


Product Name	
Full Product Name	<b>2K Timber Black (2:1)</b>
Type of Product	2K polyurethane topcoat
Description	Concept 2K Timber Black (2:1) is a high gloss 2K black topcoat 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
2K Timber Black (2:1)	29.1	46.6	0.982	8.19	543.8	4.54
2K Timber Hardener (2:1)	41.9	48.4	1.005	8.39	517.7	4.32
2K Thinner	0.0	0.0	0.882	7.36	881.9	7.36

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

Substrates
<ul style="list-style-type: none"> <li>Concept 1K Timber Sealer</li> </ul>
<ul style="list-style-type: none"> <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.

## Product Preparation

	<b>Mixing Ratio</b> 2:1 (by volume)	<b>Concept 2K Timber Black (2:1)</b>		<b>Concept 2K Timber Hardener (2:1)</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)	6-8 hours			
	<b>Spray viscosity</b> @ 25°C (77°F)	<b>BSB 4 Cup</b> <b>Ford 4 Cup</b>	18-19 s 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 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	Black
Gloss	High
Theoretical Coverage	Approx. 8.0 m <sup>2</sup> /L (325 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	Product Name	Package Size
TI4397000000X	2K Timber Black (2:1)	4L, 20L
TI72292000001	2K Timber Hardener (2:1)	1L
TI8029200000X	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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