

# Technical Data Sheet

Product Name	
Full Product Name	<b>2K Transparent Sealer</b>
Type of Product	2K transparent sealer
Description	Concept 2K Transparent Sealer is a 2K urethane surfacer, which can be used both as filler / sealer and an adhesion promoter. It adheres to a wide variety of substrates, including original OEM surfaces and fills scratches caused by light sanding. It has excellent flow properties and can be recoated with the entire range of Concept's products.

Products						
Product Name	Volume Solids %	Weight Solids %	Density		VOC	
			g/mL	lbs/US gal	g/L	lbs/US gal
2K Transparent Sealer	9.6	14.0	0.907	7.57	780.1	6.51
2K Transparent Sealer Hardener	20.3	23.4	1.004	8.38	768.9	6.42
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>• Good filling properties</li> </ul>
<ul style="list-style-type: none"> <li>• Excellent adhesion</li> </ul>
<ul style="list-style-type: none"> <li>• Excellent flow properties</li> </ul>
<ul style="list-style-type: none"> <li>• Easy to sand</li> </ul>

## Substrates

- Original OEM surfaces
- OEM electrostatic primers
- Sound cured existing surfaces, except for unstable surfaces such as nitrocellulose or enamels





## Substrate Preparation



All Substrates

All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application.

## Product Preparation

	<b>Mixing Ratio</b> 4:1 (by volume)			<b>Concept 2K Transparent Sealer</b>	<b>Concept 2K Transparent Sealer Hardener</b>
				4 parts	1 part
	<b>Reducer</b>	5% (v/v) of Concept 2K Thinner, 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> <b>Ford 4 Cup</b>	13-14 s	11-12 s	

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## Product Preparation cont

Spray equipment	Gun type	Fluid tip	Spray pressure	Spray Distance
	<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>Airless Air Assisted Electrostatic</b>	Consult the manufacturer's instructions.		
	<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>	15-20 µm 0.6-0.8 mils		
	<b>Flash off time @ 25°C (77°F)</b>	5-10 min between coats		
	<b>Air Dry @ 25°C (77°F)</b>	2-3 hours		
	<b>Low Bake @ 50°C (122°F)</b>	30-40 min		
	<b>Recoating</b>	After 15-20 mins drying @ 25°C (77°F), max. 8 hours. After this time, the sealer has to be sanded.		
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>Adhesion</b>	Excellent
<b>Hardness</b>	Excellent
<b>Flexibility</b>	Excellent
<b>Corrosion protection</b>	Excellent
<b>Durability</b>	Excellent

## Product Data

<b>Colour</b>	Clear
<b>Theoretical Coverage</b>	Approx. 12 m <sup>2</sup> /L (490 ft <sup>2</sup> /US gal) @ recommended DFT
<b>Shelf Life</b>	36 months in an unopened container at room temperature away from sunlight.

## Product Packaging

Product Code 1	Product Code 2	Product Name	Package Size
A03C/2KTRANS	1369000	2K Transparent Sealer	4L, 5L(Kit)
A04C/2KTRANSHARD	2529200	2K Transparent Sealer Hardener	1L
A08C/2KTHS	8319100	2K Thinner Slow	1L, 4L, 20L
A08C/2KTHIN	8319200	2K Thinner	1L, 4L, 20L
A08C/2KTHF	8319300	2K Thinner Fast	1L, 4L, 20L

## Safety

For automotive and industrial use only by professional painters. Not recommended for sale to, or use by the general public. Before using, read and follow all label and Safety Data Sheet (SDS) precautions. 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. Use only in a well-ventilated approved spray booth, according to local regulations.

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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