



# TECHNICAL DATA SHEET

## MS 100 2K CLEAR

### PRODUCT DESCRIPTION

This is a two pack acrylic urethane clearcoat that has been designed to produce a significant reduction in the overall cost of any job, whilst providing all of the characteristics of any two pack clearcoat. It is suitable for use over any basecoat system, developing a high gloss finish, with excellent chemical resistance and durability.

### PRODUCT AND ADDITIVES

- Concept MS 100 2K Clear
- Concept Uni-Hardener (MS) Range
- Concept 2K Thinner Range


### SUITABLE SUBSTRATES

- Basecoat system colours.
- Sound existing surfaces, except for weak surfaces such as nitrocellulose or enamels.

### MIXING RATIO




- 2 parts Concept MS 100 2K Clear by volume.
- 1 part Concept Uni-Hardener (MS) by volume.
- Up to 10% reduction with Concept 2K Thinner may be required.

### SPRAY GUN AND PRESSURE

SPRAY GUN & PRESSURE:	<ul style="list-style-type: none"><li>• 1.2 – 1.5 mm through a suction feed.</li><li>• Pressure is 350 – 450 kPa (gravity feed will apply)</li></ul>	
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## APPLICATION

- All surfaces must be thoroughly sanded and cleaned with Concept Wax & Grease Remover prior to application.
- Apply two to three even coats.

SPRAYING VISCOSITY:	<ul style="list-style-type: none"> <li>• 17 – 18 seconds B4 cup at 25°C.</li> </ul>	 17 - 18 SECONDS
FLASH-OFF TIME:	<ul style="list-style-type: none"> <li>• 5 – 10 minutes between coats at 25°C.</li> </ul>	
DRYING:	<ul style="list-style-type: none"> <li>• 12 – 16 hours at 25°C for a Dry Film Thickness of 50 – 70 Micron.</li> <li>• Low Bake for 20 – 30 minutes at 50°C.</li> </ul>	

## TECHNICAL INFORMATION

<b>COLOUR:</b>	Crystal Clear
<b>COVERAGE:</b>	6 m <sup>2</sup> /L @ 70 Micron Dry Film Thickness.
<b>VOC:</b>	552 g/L
<b>POT LIFE:</b>	4 – 5 Hours at 25°C
<b>PACKAGING:</b>	4LT (Hardeners: 1LT)
<b>ITEM CODE:</b>	A07C/MS100CLR (Hardeners: A04C/UNI)
<b>SHELF LIFE:</b>	12 Months (Hardeners: 6 months)

The above information is reliable and accurate to the best of our knowledge at the time of preparation. Any recommendations or suggestions made are without warranty or guarantee. Users assume all responsibility since the conditions of use are beyond our control.

**REVISED: 15 April 2013**

**REPLACES ISSUE: 29 July 2011**