

## WOODFINISH POLYURETHANE CLEAR SATIN

PRODUCT CODE: UPF 2003

### TECHNICAL DATA SHEET

<b>Product Description</b>	UPF 2003 is dual pack polyurethane acrylic finish.													
<b>Intended Uses</b>	Recommended for use on interior and exterior wooden furniture, office furniture and timber													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• An attractive smooth gloss finish that is easy to keep clean.</li> <li>• Good durability.</li> <li>• Tough and resistant – good chip and abrasion resistance.</li> <li>• Good chemical resistance with good colour retention.</li> <li>• Quick drying - touch dry in 30 minutes.</li> <li>• Non-yellowing</li> </ul>													
<b>Product Information</b>	<p>Appearance</p> <p>Colour</p> <p>Generic type</p> <p>Solvents type</p> <p>Solids (Catalysed)</p> <p>S G at 23 °C</p> <p>Recommended DFT</p> <p>Recommended WFT</p> <p>Spread rate</p> <p>Viscosity at 23 °C</p> <p>Flash Point</p> <p>Pot-life</p> <p>VOC</p>	<p>Satin</p> <p>Clear (UPF 2003)</p> <p>Acrylic</p> <p>Aromatic hydrocarbons, acetates and esters</p> <p>Approx. 48 % by volume</p> <p>Approx. 1.00 kg/L</p> <p>25 - 40 µm per coat</p> <p>52 - 83 µm per coat</p> <p>100 - 120 g/m² per coat</p> <p>75 - 82 secs</p> <p>23 °C</p> <p>4 h</p> <p>512 g/L</p>												
<b>Application Details</b>	<p>Mixing</p> <p>Method</p> <p>Thinning</p> <p>Cleaning</p> <p>Drying Times</p> <p>Application Environment</p>	<p>Stir base with a flat paddle until homogeneous. Mix in ratio supplied, viz. 4 parts <b>BASE</b> to 1 part <b>CATALYST (KAT 400)</b> by volume.</p> <p>Conventional spray, air assisted airless or a pressure pot system.</p> <p>The recommended air pressures are as follows: -</p> <p>Air Assisted Airless: Pump pressure 1.5 - 2 bar</p> <p>Atomising air pressure 1 - 1.5 bar</p> <p>Pressure Pot: Pressure pot pressure 1 - 1.5 bar</p> <p>Atomising air pressure 1.5 bar</p> <p>Use only stainless-steel spray application equipment.</p> <p>Nozzle sizes: 1.4 - 1.8 mm</p> <p>For conventional spraying thin with <b>UNIVERSAL REDUCER (PUR 1)</b> to a spraying viscosity of approximately 18 seconds at 23 °C in a Ford Cup No. 4.</p> <p>Use approximately 20 % thinner to obtain the correct viscosity.</p> <p><b>UNIVERSAL REDUCER (PUR 1) or No 40 LACQUER THINNERS (ILS 1)</b></p> <p>Touch dry: 20 min @ 23°C</p> <p>Dry to handle: 4 h @ 23°C</p> <p>Full cure: 7 days @ 23 °C</p> <table border="1"> <tr> <td>Surface Temperature</td><td>Surface Temperature</td><td>Relative Humidity</td></tr> <tr> <td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10 %</td></tr> <tr> <td colspan="3">Or 3°C above dew point</td></tr> <tr> <td>Max: 40 °C</td><td>Max: 40 °C</td><td>Min: 85 %</td></tr> </table>	Surface Temperature	Surface Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10 %	Or 3°C above dew point			Max: 40 °C	Max: 40 °C	Min: 85 %
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<b>Storage and Packaging</b>	<p>Store away from direct sun, heat and severe cold.</p> <p><b>Packaging:</b> Base: 4 L and KAT 400: 1 L</p>													

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<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>• Surface must be dry, clean and free of contaminants.</li> <li>• Sand to a smooth surface, free of loose fibres.</li> <li>• Sand substrate with 150 – 180 grit paper to a smooth finish</li> <li>• Remove all dust prior to the application of the coating.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• If application equipment was used previously for solvent based products, ensure all equipment is washed thoroughly, first with lacquer thinners and then water before use.</li> <li>• Apply at a rate of 100 - 120 g/m<sup>2</sup> per coat. <b>Do not apply more than 180 g/m<sup>2</sup></b></li> <li>• Allow the coating to dry as specified.</li> <li>• Sand with 280 or 320 grit finishing paper.</li> <li>• Remove all sanding dust prior to further application</li> </ul>
<b>Cautions</b>	<b>Do not apply PLASCOTHANE WOODFINISH POLYURETHANES</b> directly to acrylic lacquers and synthetic alkyd enamels.
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>• Always keep paint out of reach of children.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• If accidental contact with skin should occur, wash immediately with soap and water or a recognized skin cleaner.</li> <li>• Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.</li> <li>• Harmful if swallowed. Seek medical attention and do not induce vomiting.</li> <li>• Do not smoke while painting.</li> <li>• Flammable. Store in a cool dry place away from heat and sparks.</li> <li>• <b>CATALYST</b> contains isocyanate – use suitable respirator, particularly during spray application of the mixed material.</li> <li>• Refer to Safety Data Sheet for complete information.</li> </ul>

### DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

**NB: TO ORDER: Quote product name, product code number, packaging and colour**

### **KANSAI PLASCON (PTY) LIMITED**

10 Frederick Cooper Drive,  
Factoria, Krugersdorp  
South Africa  
1739.

Tel: +27 11 951 4500

Fax: +27 800 110 932

**PLASCON ADVISORY SERVICE:** 0860 20 40 60

**EMAIL:** advice@kansaiplascon.co.za