

# PLASCOTHANE WOODFINISH POLYURETHANE

PRODUCT CODE: UPF 1301

## TECHNICAL DATA SHEET

<b>Product Description</b>	UPF 1301 is a dual pack polyurethane acrylic finish.													
<b>Intended Uses</b>	For interior and exterior furniture, office furniture and kitchen and bar counter tops.													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• A matt finish that is easily sand able</li> <li>• Good durability</li> <li>• Good chemical resistance with good colour retention</li> <li>• Quick drying - touch dry in 30 min</li> <li>• Non-yellowing</li> <li>• Good mar resistance</li> </ul>													
<b>Product Information</b>	<p>Appearance</p> <p>Colours</p> <p>Generic type</p> <p>Solids</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>White (<b>UPF 1301</b>)</p> <p>Acrylic</p> <p>Approx. 49% by volume</p> <p>Approx. 1,20 – 1,27</p> <p>25 - 40 µm per coat</p> <p>51 - 82 µm per coat</p> <p>100 – 120 g/m<sup>2</sup> per coat</p> <p>75 -85 sec FC4</p> <p>23 °C</p> <p>6 h @ 23 °C</p> <p>471.6 g/L</p>												
<b>Application Details</b>	<p>Mixing</p> <p>Method</p> <p>Thinning</p> <p>Cleaning</p> <p>Drying time</p> <p>Application Environment</p>	<p>Stir thoroughly with a flat paddle until homogeneous. Mix in ratio supplied. <b>4 parts BASE to 1 Part CATALYST (KAT 400)</b> by volume. Conventional spray, air assisted airless or a pressure pot system. The recommended air pressures are as follows: - Air Assisted Airless: Pump pressure 1.5 - 2 bar Atomising air pressure 1 - 1.5 bar Pressure Pot: Pressure pot pressure 1 - 1.5 bar Atomising air pressure 1.5 bar Use only stainless-steel spray application equipment. Nozzle sizes 1.4 – 1.8mm.</p> <p><b>PUR 1 (PLASCON UNIVERSAL REDUCER)</b> for thinning to a spraying viscosity of approx. 18 secs at 23 °C in Ford Cup No. 4. <b>PLASCON UNIVERSAL REDUCER (PUR 1)</b> or <b>LACQUER THINNER (ILS 1)</b>.</p> <p>Touch dry: 30 min at 23 °C (50% Relative Humidity) Dry to handle: 4 h @ 23 °C Full cure: 7 days @ 23 °C</p> <table border="1"> <thead> <tr> <th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></tr> </thead> <tbody> <tr> <td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10 %</td></tr> <tr> <td colspan="3">Or 3 °C min above dew point</td></tr> <tr> <td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85 %</td></tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10 %	Or 3 °C min above dew point			Max: 40 °C	Max: 40 °C	Max: 85 %
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<b>Storage &amp; Packaging</b>	<p>Store away from direct sun, heat and severe cold.</p> <p>Packaging: Base 4 L and Catalyst (<b>KAT 400</b>) 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 sand paper to a smooth finish.</li> <li>• Remove all dust prior to application of the coating.</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>• If application equipment was previously used for water-based product, ensure all the equipment is washed with water then alcohol followed by solvent (<b>ILS 1</b>).</li> <li>• Allow the coating to dry as specified.</li> <li>• Sand with 320 – 400 grit sand paper.</li> <li>• Remove all sanding dust prior to further application.</li> </ul>
<b>Cautions</b>	<ul style="list-style-type: none"> <li>• Do not apply directly to acrylic lacquers and synthetic alkyd enamels</li> </ul>
<b>Safety Precautions</b>	<ul style="list-style-type: none"> <li>• Keep out of reach of children.</li> <li>• Ensure good ventilation during application and drying.</li> <li>• Do not pour paint down the drain.</li> <li>• In case of skin contact, wash with soap and water or a recognised skin cleaner.</li> <li>• Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.</li> <li>• Do not smoke while painting</li> <li>• Harmful if swallowed. Do not induce vomiting. Seek medical attention.</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.

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