

# WOODCARE ULTRA VARNISH

PRODUCT CODE: X 33-44 Range

## TECHNICAL DATA SHEET

<b>Product Description</b>	A single pack polyurethane varnish.													
<b>Intended Uses</b>	Ideal for use on a wide range of interior wooden surfaces such as, furniture, cupboards, skirting's', counters, etc.													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• Provides a tough professional clear finish which has excellent mar-resistance</li> <li>• Resistant to alcohol, household beverages and chemicals, moisture and even hot dishes.</li> <li>• Excellent adhesion to suitably prepared new and previously varnished wood.</li> <li>• Available in Gloss and Suede finishes and has proved itself over the years as a product that protects the natural beauty of wood.</li> </ul>													
<b>Product Information</b>	Appearance	Gloss and Suede												
	Colours	<b>Gloss:</b> Clear (X 33), Light Oak (X 34), Teak (X 35), Oregon Pine (X 36), Imbuia (X 37) and Mahogany (X 38) <b>Suede:</b> Clear (X 44)												
	Volume Solids	45%												
	Recommended DFT	15 - 30 µm per coat												
	Recommended WFT	33 – 67 µm per coat												
	Theoretical spreading rate	20 m <sup>2</sup> /L per coat @ 22.5 µm DFT. This serves as a guide only												
	Practical spreading rate	The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.												
	TVOC	443 g/L												
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Brush or conventional spray.												
	Thinning	<b>MINERAL TURPENTINE (AZH1)</b>												
	Cleaning	<b>MINERAL TURPENTINE (AZH1) or POLYCELL BRUSH CLEANER</b>												
	Drying time	Touch dry: 2 h @ 23 °C Over coating: 6 h @ 23 °C												
	Application Environment	<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 2 °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 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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<b>Storage &amp; Packaging</b>	Store away from direct sun, heat and severe cold. Packaging: 1L and 5L.													

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<b>Surface Preparation</b>	<p>All surfaces must be clean, dry and sound. Remove any oil, grease, mortar droppings, etc.</p> <ol style="list-style-type: none"> <li><b>NEW WOOD:</b> Sand in the direction of the grain, to a smooth finish with 150 grit paper. Remove dust with a damp cloth.</li> <li><b>PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION:</b> Sand to an even matt finish to create a key. Remove dust with a damp cloth and allow to dry.</li> <li><b>PREVIOUSLY VARNISHED WOOD IN POOR CONDITION:</b> Remove old varnish by sanding or by using <b>REMOVAL ALL PURPOSE PAINT REMOVER (RRA 220)</b>. If using <b>REMOVAL</b> rinse thoroughly with clean water and allow to dry. Sand to a smooth finish. Remove dust with a damp cloth and allow to dry.</li> <li><b>WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE:</b> Wood coated with wax sealer or oil based preservative should not be varnished. <b>REMOVAL (RRA 220)</b>. Remove dust with a damp cloth and allow to dry.</li> <li><b>PREVIOUSLY PAINTED WOOD:</b> Strip old paint by deep sanding or by using <b>REMOVAL ALL PURPOSE PAINT REMOVER (RRA 220)</b>. If using <b>REMOVAL</b> rinse thoroughly with clean water. Sand bare wood to a smooth finish. Remove dust with a damp cloth and allow to dry.</li> <li><b>DISCOLOURED OR WEATHERED WOOD:</b> Remove discoloured or weathered layer by sanding with 100 grit paper. Remove dust with a damp cloth and allow to dry.</li> <li><b>KNOTS IN WOOD:</b> Clean off Resin with <b>LACQUER THINNERS (ILS 1)</b>. Apply <b>WOODCARE KNOT SEAL (PK 2)</b>. Allow to dry.</li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li>Thin first coat in the ratio 3 parts <b>VARNISH</b> to 1 part <b>MINERAL TURPENTINE (AZH 1)</b> by volume. Apply by brush. Allow to dry for 6 h. For spray application thin as required, approx. 10%.</li> <li>Successive coats should be applied as is, but may be thinned 10 parts <b>VARNISH</b> to 1 part <b>MINERAL TURPENTINE (AZH 1)</b> by volume to ease application.</li> <li>Apply at least 3 coats to new wood.</li> <li>Sand lightly between coats with fine paper to de-nib. Remove dust with damp cloth and allow to dry. This removes upstanding wood fibre ends and dust particles which could act as wicks to draw moisture in behind the film and shorten the life of the coating.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>Wood previously coated with wax sealer should not be varnished.</li> <li>Do not apply in a dusty environment</li> </ul>
<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 recognised 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>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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