

# WOODCARE FLOOR VARNISH

PRODUCT CODE: PFV 1 & 2

## TECHNICAL DATA SHEET

<b>Product Description</b>	A top quality hard wearing interior clear floor coating.														
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>• For interior use only.</li> <li>• New work or refinishing.</li> <li>• Wooden floors, doors and furniture</li> </ul>														
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>• A clear and transparent finish that enhances the beauty of wood.</li> <li>• Available in gloss and suede finishes.</li> <li>• Quick drying. Permits complete finishing in 1 day.</li> <li>• At least three coats are recommended for new surfaces.</li> <li>• Low odour.</li> <li>• Mar and abrasion resistant.</li> <li>• Excellent resistance to water, heat, alcohol, food, fruit juices, grease and detergent.</li> </ul>														
<b>Product Information</b>	Appearance	Gloss (PFV 1) Suede (PFV 2)													
	Colour	Clear													
	Generic type	Urethane resin													
	Solids	37% by volume													
	Viscosity at 23 °C	30 " Ford Cup No. 4 (typical)													
	Recommended DFT	25 – 35 µm per coat													
	Recommended WFT	68 – 95 µm per coat													
	Theoretical spreading rate	12.3 m <sup>2</sup> /L per coat at 35µm 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.													
	VOC	497g/ L													
<b>Application Details</b>	Mixing	PFV 1 - Stir, but do not shake. PFV 2 - Stir thoroughly with a flat paddle until homogeneous.													
	Method	Brush, short nap roller													
	Thinner	No thinning required. Ready for use.													
	Cleaning	<b>MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER</b>													
	Drying time	Touch dry: 3 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 in a cool well ventilated area away from direct sun, heat and source of ignition. Shelf life: 2years Packaging: 5L.														

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<b>Surface Preparation</b>	<p>All surfaces must be dry, clean and free from dust, oil, grease, grime, dirt or any other contaminants.</p> <ol style="list-style-type: none"> <li>1. <b>NEW OR BARE WOOD</b></li> <li>1.1 <b>Floors:</b> Sand with mechanical floor sander to remove all wax build-up until a water break free surface is formed, finishing with fine grade sand paper. Work in direction of the grain. Remove dust with vacuum.</li> <li>1.2 <b>Other woodwork:</b> Sand with 150 grit sandpaper, working in the direction of the grain. Dust off.</li> <li>2. <b>PREVIOUSLY VARNISHED SURFACES</b></li> <li>2.1 Sand with a mechanical sander to remove all wax built up below the varnish until a water break free surface is formed, finishing with fine grade sandpaper.</li> <li>2.1 <b>Floors:</b> Remove old finishes completely by mechanical floor sander and treat as for new or bare wood. Alternatively, strip old finishes completely with <b>REMOVAL ALL PURPOSE COATING REMOVER (RRA 220)</b>. Rinse with water to remove all chemical residues before re-coating. Allow to dry, sand smooth and dust off.</li> <li>2.2 <b>Other woodwork:</b></li> <li>2.2.1 <b>Existing varnish in good condition:</b> Clean with <b>POLYCELL SUGAR SOAP POWDER</b> and rinse off with clean water. Sand with 220 grit sandpaper to an even matt finish to provide a key. Dust off.</li> <li>2.2.2 <b>Existing varnish in poor condition:</b> Strip completely by deep sanding to a bare surface or with <b>REMOVAL ALL PURPOSE COATING REMOVER (RRA 220)</b>. If using <b>REMOVAL</b> rinse thoroughly with clean water, allow to dry, sand smooth and dust off.</li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li>• Ready for use by brush, roller</li> <li>• Apply 3 coats to new wood for a superior finish.</li> <li>• Apply uniformly and avoid air bubbles.</li> <li>• Sand lightly between coats with 400 grit sandpaper to improve adhesion and to de-nib. Dust off.</li> </ul>
<b>Caution</b>	<ul style="list-style-type: none"> <li>• <b>NB: WOODCARE FLOOR VARNISH (PFV 1 &amp; 2) is not suitable for parquet floors.</b></li> <li>• <b>Floors:</b> Allow 12 hours drying before restricted use and 24 hours before full use of the floor.</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 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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