



**Barloworld**  
Plascon South Africa

## WOODCARE FLOOR VARNISH

TECHNICAL DATA SHEET NO.: **U-34-F**  
DATE: **OCTOBER 2005**

**PRODUCT CODE: PFV 1 and 2**

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

<b>Product Description</b>	<ul style="list-style-type: none"><li>A top quality hard wearing interior clear floor coating that is highly resistant to abrasion, alcohol, water and food stains, grease and detergents.</li></ul>		
<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</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 - dries in 3 hours. Permits complete finishing in 1 day with professional results.</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 and detergent.</li></ul>		
<b>Product Information</b>	Appearance	Gloss PFV 1 Suede PFV 2	
	Colour	Clear	
	Generic type	Urethane resin	
	Solids	Approx. 43 % by mass; 37 % by volume	
	Recommended DFT	Min.: 20 µm Max.: 40 µm	
	Theoretical spreading rate	10,6 m <sup>2</sup> /ℓ at 35µm DFT	
	Typical spreading rate	Please apply appropriate correction factors	
	Viscosity at 23 °C	30 " Ford Cup No. 4 (typical)	
	S G at 23 °C	0,89 kg / ℓ	
	Flash Point	40 °C	
<b>Application Details</b>	Mixing	PFV 1 - Stir, but do not shake. PFV 2 - Stir thoroughly with a flat paddle until homogeneous.	
	Substrate	Well prepared wood surfaces.	
	Method	Brush, short nap roller or conventional spray.	
	Thinner	Ready for use. No thinning required.	
	Cleaning	<b>MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER PAINT AND GREASE REMOVER.</b>	
	Application Environment	Surface Temperature	Ambient Temperature Relative Humidity
		Min.: 10 °C	Min.: 10 °C -
		or 2 °C min. above dew point	
		Max.: 30 °C	Max.: 30 °C Max.: 85 %
	Drying time	Touch dry	3 h at 23 °C
		Recoating	6 h at 23 °C
		Hard dry	Overnight
<b>Storage and Packaging</b>	Store in a cool well ventilated area (4 °C to 26 °C) away from direct sun, heat and source of ignition.		
	Packaging:	1ℓ and 5ℓ.	

## WOODCARE FLOOR VARNISH

<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>All surfaces must be dry, clean, free from dust, oil, grease, grime, dirt or any other contaminants.</li> </ul> <ol style="list-style-type: none"> <li><b>NEW or BARE WOOD</b> <ul style="list-style-type: none"> <li><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><b>Other woodwork:</b> Sand with 150 grit sandpaper, working in the direction of the grain. Dust off.</li> <li>If required stain wood with <b>WOOD STAIN (W)</b> before applying <b>FLOOR VARNISH</b>.</li> </ul> </li> <li><b>PREVIOUSLY VARNISHED SURFACES</b> <ul style="list-style-type: none"> <li>Sand with mechanical floor sander to remove all wax built up below the varnish until a water break free surface is formed, finishing with fine grade sand paper.</li> <li><b>Floors: Remove old finishes completely</b> by mechanical floor sander and treat as for <b>new or bare wood</b>. <ul style="list-style-type: none"> <li>Alternatively, strip old finishes completely with <b>STRIPCLEAR SUPER PAINT STRIPPER (PR 17)</b>, wash with <b>POLYCELL SUGAR SOAP POWDER CLEANER</b>, rinse with clean water, allow to dry, sand smooth and dust off.</li> </ul> </li> <li><b>Other woodwork (existing varnish in good condition):</b> Clean with <b>POLYCELL SUGAR SOAP</b> and rinse with water. Sand with 220 grit sandpaper to an even matt finish to provide a key. Dust off. <ul style="list-style-type: none"> <li>If varnish is in <b>poor condition</b>, strip completely with <b>STRIPCLEAR SUPER PAINT STRIPPER (PR 17)</b>, wash with <b>POLYCELL SUGAR SOAP</b>, rinse with water, allow to dry, sand smooth and dust off.</li> </ul> </li> </ul> </li> </ol>
<b>Application</b>	<ul style="list-style-type: none"> <li>Ready for use as supplied by brush, roller or conventional spray.</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 denib and dust off.</li> <li>Floors: Allow 12 hours 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. Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. 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 Material Safety Data Sheet for complete information.</li> </ul>
<b>Transportation</b>	Paint, UN 1263, Packaging Group III, Flammable 3, Diamond detail

### **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.

**N.B.:** 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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