

WOODCARE FLOOR VARNISH

PRODUCT CODE: PFV 1 & 2

TECHNICAL DATA SHEET NO: PL-20-B

DATE: NOVEMBER 2012

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A top quality hard wearing interior clear floor coating that is highly resistant to abrasion, alcohol, water and food stains, grease and detergents.													
Intended Uses	<ul style="list-style-type: none"> • For interior use only. • New work or refinishing. • Wooden floors, doors and furniture 													
Features & Benefits	<ul style="list-style-type: none"> • A clear and transparent finish that enhances the beauty of wood. • Available in gloss and suede finishes. • Quick drying - dries in 3 hours. Permits complete finishing in 1 day with professional results. • At least three coats are recommended for new surfaces. • Low odour • Mar and abrasion resistant. • Excellent resistance to water, heat, alcohol, food, fruit juices and detergent. 													
Product Information	Appearance	Gloss (PFV 1) Suede (PFV 2)												
	Colour	Clear												
	Generic type	Urethane resin												
	Solids	Approx. 43 % by mass; 37 % by volume												
	Viscosity at 23 °C	30 " Ford Cup No. 4 (typical)												
	S G at 23 °C	0,89 kg / ℓ												
	Flash Point	40 °C												
	Theoretical spreading rate	10, 6 m ² /ℓ per coat at 35µm DFT. This serves as a guide only												
	Practical spreading rate	The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.												
Application Details	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												
	Thinner	No thinning required. Ready for use.												
	Cleaning	MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER												
	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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	Drying time	Touch dry 3 h at 23 °C Hard dry Overnight Overcoating 6 h at 23 °C												
Storage & Packaging	Store in a cool well ventilated area away from direct sun, heat and source of ignition. Packaging: 5 ℓ.													

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Surface Preparation		All surfaces must be dry, clean and free from dust, oil, grease, grime, dirt or any other contaminants.
	1.	NEW OR BARE WOOD
	1.1	Floors: 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.
	1.2	Other woodwork: Sand with 150 grit sandpaper, working in the direction of the grain. Dust off. If required stain wood with WOOD STAIN (W) before applying FLOOR VARNISH .
	2.	PREVIOUSLY VARNISHED SURFACES
		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.
	2.1	Floors: Remove old finishes completely by mechanical floor sander and treat as for new or bare wood. Alternatively, strip old finishes completely with REMOVAL COATING REMOVER FOR WOOD (RWI 220) . Wash with REMOVAL SIMPLE WASH (RWS 80) followed by clean water rinses. Allow to dry, sand smooth and dust off.
	2.2	Other woodwork:
2.2.1	Existing varnish in good condition: Clean with POLYCELL SUGAR SOAP POWDER and rinse off with clean water. Sand with 220 grit sandpaper to an even matt finish to provide a key. Dust off.	
2.2.2	Existing varnish in poor condition: Strip completely with REMOVAL COATING REMOVER FOR WOOD (RWI 220) . Rinse thoroughly with clean water, allow to dry, sand smooth and dust off.	
Application		<ul style="list-style-type: none"> • Ready for use by brush, roller • Apply 3 coats to new wood for a superior finish. • Apply uniformly and avoid air bubbles. • Sand lightly between coats with 400 grit sandpaper to improve adhesion and to denib. Dust off.
	Caution	<ul style="list-style-type: none"> • NB: WOODCARE FLOOR VARNISH (PFV 1 & 2) is not suitable for parquet floors. • Floors: Allow 12 hours drying before restricted use and 24 hours before full use of the floor.
		Safety Precautions

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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