



WOODCARE FLOOR VARNISH

PRODUCT CODE: PFV 1 & 2

TECHNICAL DATA SHEET NO: PL-20-A

DATE: MARCH 2011

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	<ul style="list-style-type: none">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 odourMar and abrasion resistant.Excellent resistance to water, heat, alcohol, food, fruit juices and detergent.																										
Product Information	<table><tr><td>Appearance</td><td>Gloss (PFV 1) Suede (PFV 2)</td></tr><tr><td>Colour</td><td>Clear</td></tr><tr><td>Generic type</td><td>Urethane resin</td></tr><tr><td>Solids</td><td>Approx. 43 % by mass; 37 % by volume</td></tr><tr><td>Viscosity at 23 °C</td><td>30 " Ford Cup No. 4 (typical)</td></tr><tr><td>S G at 23 °C</td><td>0,89 kg / ℓ</td></tr><tr><td>Flash Point</td><td>40 °C</td></tr><tr><td>Theoretical spreading rate</td><td>10, 6 m²/ℓ per coat at 35µm DFT. This serves as a guide only</td></tr><tr><td>Practical spreading rate</td><td>The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.</td></tr></table>	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.								
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	<table><tr><td>Mixing</td><td>PFV 1 - Stir, but do not shake. PFV 2 - Stir thoroughly with a flat paddle until homogeneous.</td></tr><tr><td>Substrate</td><td>Well prepared wood surfaces.</td></tr><tr><td>Method</td><td>Brush, short nap roller</td></tr><tr><td>Thinner</td><td>No thinning required. Ready for use.</td></tr><tr><td>Cleaning</td><td>MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER</td></tr><tr><td>Application Environment</td><td><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></td></tr><tr><td>Drying time</td><td>Touch dry 3 h at 23 °C Hard dry Overnight Overcoating 6 h at 23 °C</td></tr></table>	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 %	Drying time	Touch dry 3 h at 23 °C Hard dry Overnight Overcoating 6 h at 23 °C
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 %														
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 %																									
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.																										



WOODCARE FLOOR VARNISH

PRODUCT CODE: PFV 1 & 2

TECHNICAL DATA SHEET NO: PL-20-A

Surface Preparation	<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">1. NEW OR BARE WOOD<ol style="list-style-type: none">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<p>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.</p><ol style="list-style-type: none">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:<ol style="list-style-type: none">2.2.1 Existing varnish in good condition:<p>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.</p>2.2.2 Existing varnish in poor condition:<p>Strip completely with REMOVAL COATING REMOVER FOR WOOD (RWI 220). Rinse thoroughly with clean water, allow to dry, sand smooth and dust off.</p>
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	<ul style="list-style-type: none">• Always keep paint out of reach of children.• Ensure good ventilation during application and drying.• 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.• Do not smoke while painting.• Flammable. Store in a cool dry place away from heat and sparks.• Refer to Material Safety Data Sheet for complete information.

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.

PLASCON SOUTH AFRICA (PTY) LIMITED

CAPE TOWN:

P O Box 42
Eppindust 7475
Tel: (021) 505-2400
Fax: (021) 534-3791

DURBAN:

Private Bag X16
Mobeni 4060
Tel: (031) 451-3200
Fax: (031) 451-3411

GAUTENG:

P.O. Box 4010
Luipaardsvlei 1743
Tel: (011) 951-4500
Fax: (011) 955-2841

PORT ELIZABETH:

P O Box 1594
Port Elizabeth 6000
Tel: (041) 401-1400
Fax: (041) 453-4606

PLASCON ADVISORY SERVICE: 0860 20 40 60