



# WOODCARE WOOD PRESERVATIVE

PRODUCT CODE: FPR Range

TECHNICAL DATA SHEET NO: PL-61

DATE: MAY 2011

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A penetrating oil based coating for the protection and waterproofing of exterior timber.														
Intended Uses	<ul style="list-style-type: none"><li>For use on gables, window frames, laminated sections, weather boarding, split pole fencing, cladding and also prefabricated wooden building (domestic and industrial).</li></ul>														
Features & Benefits	<ul style="list-style-type: none"><li><b>WOOD PRESERVATIVE</b> contains deep penetrating oils and waxes and an effective preservative for protection against fungal attack.</li><li>Will not peel, crack or chip even after prolonged exposure.</li><li>Protects preserves and beautifies exterior woodwork</li></ul>														
Product Information	Appearance	Suede													
	Colours	Clear (FPR 1), Teak (FPR 19) and Mahogany (FPR 21)													
	Generic type	Oleoresinous with dry film preservatives													
	Solids	Approx. 40 % by mass; 30 % by volume													
	Viscosity at 23 °C	12 - 14 Sec FC4 (typical)													
	S G	0,89 (typical)													
	Flash Point	38 °C													
	Theoretical spreading rate	15 m²/ℓ per coat. 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	Stir thoroughly with a flat paddle until homogeneous and occasionally during use.													
	Method	Brush or dipping.													
	Thinning	Ready for use by brush. For dipping see <b>application</b>													
	Cleaning	<b>MINERAL TURPENTINE (AZH 1)</b> or <b>POLYCELL BRUSH CLEANER</b> .													
	Substrate	Well prepared wood surfaces.													
	Application Environment	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><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></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	<table><tr><td>Touch dry</td><td>16 h at 23 °C</td></tr><tr><td>Overcoating</td><td>24 h at 23 °C</td></tr></table>		Touch dry	16 h at 23 °C	Overcoating	24 h at 23 °C								
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Storage & Packaging	Store away from direct sun, heat and severe cold.														
	Packaging: 1 ℓ and 5 ℓ.														



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Surface Preparation	<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 a matt finish to create a key. Remove dust with a damp cloth.</li><li><b>PREVIOUSLY VARNISHED WOOD IN POOR CONDITION:</b> Strip completely by deep sanding or by using <b>REMOVAL COATING REMOVER FOR WOOD (RWI 220)</b>. Rinse thoroughly with fresh water. Sand to a smooth finish. Remove dust with a damp cloth.</li><li><b>WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE:</b> Mechanically sand until there is no evidence of residue. Wipe with a mutton cloth and solvent <b>LACQUER THINNERS (ILS 1)</b> to remove weathered material and restore surface to an even appearance. Multiple wipes might be necessary.</li><li><b>PREVIOUSLY PAINTED WOOD:</b> Strip old paint by deep sanding or by using <b>REMOVAL COATING REMOVER FOR WOOD (RWI 220)</b>. Rinse thoroughly with fresh water. Sand bare wood to a smooth finish. Remove dust with a damp cloth.</li><li><b>DISCOLOURED OR WEATHERED WOOD:</b> Remove discoloured or weathered layer by sanding with 100 grit paper or by using <b>REMOVAL WEATHERED WOOD RESTORER (RWW 20)</b> followed with <b>REMOVAL SIMPLE WASH (RWS 80)</b>. Rinse thoroughly with fresh water. Sand to a smooth finish. Remove dust with a damp cloth.</li><li><b>KNOTS IN WOOD:</b> Apply <b>WOODCARE KNOT SEAL (PK 2)</b>.</li><li><b>FILLER:</b> If required use <b>POLYCELL WOODFILLER</b>. Sand smooth.</li></ol>
Application	<ul style="list-style-type: none"><li>Ready for use by brush application. Application by brush ensures the best penetration into cracks, crevices, etc.</li><li>If dipping is required, thin 4 parts <b>WOOD PRESERVATIVE</b> to 1 part <b>MINERAL TURPENTINE (AZH 1)</b> by volume.</li><li>Normally two coats are sufficient. If the substrate is extremely porous three applications may be necessary in order to produce an even finish. In that event the first coat will usually soak away immediately. Apply a further wet coat without delay to satisfy the absorbency of the substrate. Allow to dry, then finish with a final coat.</li><li><b>N.B.</b> To prevent moisture penetration, the back and end grain of all timber to be used for house gables, hardwood door frames and window frames should be protected with two coats of <b>WOOD PRESERVATIVE (FPR Range)</b>.</li></ul>
Cautions	<ul style="list-style-type: none"><li><b>Do not</b> use on toys and cots.</li><li><b>Do not</b> overcoat with paints and varnishes.</li></ul>
Safety Precautions	<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 Material 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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