

WOODCARE WOOD PRESERVATIVE

PRODUCT CODE: FPR Range

TECHNICAL DATA SHEET

Product Description	A penetrating oil based coating for the protection and waterproofing of exterior timber.														
Intended Uses	<ul style="list-style-type: none"> For use on gables, wooden window frames, wooden doors, laminated sections, weather boarding, split pole fencing, wood cladding and also prefabricated wooden building (domestic and industrial). 														
Features & Benefits	<ul style="list-style-type: none"> WOOD PRESERVATIVE contains deep penetrating oils and waxes and an effective preservative for protection against fungal attack. Will not peel, crack or chip even after prolonged exposure. Protects preserves and beautifies exterior woodwork 														
Product Information	Appearance	Satin													
	Colours	Clear (FPR 1), Light Oak (FPR 2), Teak (FPR 3), Oregon Pine (FPR 4) Imbuia (FPR 5) and Mahogany (FPR 6)													
	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 kg/ℓ (typical)													
	Flash Point	38 °C													
	Theoretical spreading rate	15 m ² /ℓ @ 20µm DFT 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.													
	VOC	401 g/ ℓ													
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 application													
	Cleaning	MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER.													
	Substrate	Well prepared wood surfaces.													
	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 16 h at 23 °C Overcoating 24 h at 23 °C													
Storage & Packaging	Store away from direct sun, heat and severe cold.														
	Packaging: 1L and 5L.														
	Clear (FPR 1) only available in 2L														

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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"> 1. NEW WOOD: Sand in the direction of the grain, to a smooth finish with 150 grit paper. Remove dust with a damp cloth. 2. PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION: Sand to bare wood and remove varnish completely. Remove dust with a damp cloth. 3. PREVIOUSLY VARNISHED WOOD IN POOR CONDITION: Strip completely by deep sanding or by using REMOVAL ALL PURPOSE PAINT REMOVER BRUSH/GEL GRADE (RRA220). Rinse thoroughly with fresh water. Allow to dry. Sand to a smooth finish. Remove dust with a damp cloth. 4. WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE: Mechanically sand until there is no evidence of residue. Wipe using a mutton cloth and solvent LACQUER THINNERS (ILS 1) to remove weathered material and restore surface to an even appearance. Multiple wipes might be necessary. 5. PREVIOUSLY PAINTED WOOD: Strip old paint by deep sanding or by using REMOVAL ALL PURPOSE PAINT REMOVER BRUSH/GEL GRADE (RRA220). Rinse thoroughly with fresh water. Allow to dry. Sand bare wood to a smooth finish. Remove dust with a damp cloth. 6. DISCOLOURED OR WEATHERED WOOD: Remove discoloured or weathered layer by sanding with 100 grit paper. Sand to a smooth finish using 150 grit paper. Remove dust with a damp cloth. 7. KNOTS IN WOOD: Apply WOODCARE KNOT SEAL (PK 2). 8. FILLER (INTERIOR WOOD ONLY): If required use POLYCELL WOODFILLER. Sand smooth.
Application	<ul style="list-style-type: none"> • Ready for use by brush application. Application by brush ensures the best penetration. • If dipping is required, thin 4 parts WOOD PRESERVATIVE to 1 part MINERAL TURPENTINE (AZH 1) by volume. • Normally two coats are sufficient prior to installation. If the substrate is extremely porous three applications may be necessary in order to produce an even finish. In that event the first coat soaks away immediately, apply a further coat by dipping immediately to satisfy absorbency of the substrate. Allow to dry for 24 hours before applying finishing coat. • N.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 WOOD PRESERVATIVE (FPR Range).
Cautions	<ul style="list-style-type: none"> • Do not use on toys and cots. • Do not overcoat with paints and varnishes unless removed and washed down with lacquer thinners.
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 Safety Data Sheet for complete information.



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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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