

PLASCOSAFE SATIN TOPCOAT

PRODUCT CODE: FFW 2200

TECHNICAL DATA SHEET

Product Description	<ul style="list-style-type: none"> Premium quality water-based wood coating for exterior and interior use 													
Intended Uses	<ul style="list-style-type: none"> To seal and protect exterior wooden surfaces such as doors and window frames 													
Features & Benefits	<ul style="list-style-type: none"> Water based, easy to apply Penetrates and rejuvenates wood Low odour and low VOC Built in UV stabilisers and preservatives to protect and increase the life span of wooden materials Seals and protects against moisture Excellent wear resistance Low build finish that maintains the natural appearance of wood Can be used on all wood types (SA Pine, Meranti, Balau, Saligna, Okoume) 													
Product Information	Appearance	Satin												
	Colour	White												
	Volume solids	Approx. 32%												
	Mass Solids	Approx. 40 %												
	S G at 23°C	Approx. 1,16												
	Viscosity at 23 °C	90-95 KU												
	Recommended WFT	78 -94 µm												
	Theoretical Spreading rate	10 -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 tool used.												
	VOC	<9 g/L												
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Spray and brush application												
	Thinning	Not recommended. Ready for use												
	Cleaning	Water												
	Drying time	Touch dry: 30 Mins at 40 °C (50% Relative Humidity) Dry to handle: 4 h @ 40 °C Full cure: 4 h @ 40 °C												
	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 3 °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 3 °C min above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Storage & Packaging	Store away from direct sun, heat and severe cold. Packaging: 20 L													

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Surface Preparation	<p>All surfaces must be clean, dry and sound. Remove any oil, grease, etc.</p> <ol style="list-style-type: none"> 1. NEW WOOD: Sand in the direction of the grain to a smooth finish with 180 grit paper. Remove dust with a dry cloth. 2. PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION: Sand to matt finish to create a key. Remove dust with a dry cloth. 3. PREVIOUSLY VARNISHED WOOD IN BAD CONDITION: Remove old varnish by sanding. Sand to a smooth finish. Remove dust with dry cloth. 4. WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE: Remove all evidence of residue by mechanically sanding. Remove dust with a dry cloth. 5. PREVIOUSLY PAINTED WOOD: Strip old paint by deep sanding. Sand bare wood to smooth finish. Remove dust with a dry cloth. 6. DISCOLOURED OR WEATHERED WOOD Remove discoloured or weathered layer by sanding with 100 grit paper. Sand bare wood to a smooth finish with 180 grit paper. Remove dust with a dry cloth. 7. KNOTS IN WOOD Apply Plascon WOOD CARE KNOT SEAL (PK 2). 8. FILLER If required use POLYCELL WOODFILLER. Sand to a smooth finish
Application	<ul style="list-style-type: none"> Do not apply in dusty environment. NB. Do not thin. Ready to use. Apply the first coat and allow to dry for 4 hours. Repeat second coat in the same manner. Apply at least 2 coats for new and old wood. Sand lightly between coats with 240 grit paper to de-nib. Remove dust with dry cloth.
Cautions	<ul style="list-style-type: none"> When coating exterior wood special attention must be given to the adequate sealing and coating of the end grain Exterior wood subject to severe climatic conditions and un-seasonal weather should be recoated every 1- 2 years to prevent substrate degradation
Safety Precautions	<ul style="list-style-type: none"> Keep out of reach of children. Ensure good ventilation during application and drying. Do not pour paint down the drain. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. Harmful if swallowed. Do not induce vomiting. Seek medical attention. Refer to Safety Data Sheet for complete information.

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.

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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