

## PLASCOSAFE WATER BASED DIPCOATS

PRODUCT CODE: EWS 100 RANGE & FFW 2100

### TECHNICAL DATA SHEET

<b>Product Description</b>	<ul style="list-style-type: none"> <li>Premium quality water-based wood coating for exterior and interior use on wood</li> </ul>													
<b>Intended Uses</b>	<ul style="list-style-type: none"> <li>To seal and protect exterior wooden surfaces such as doors and window frames</li> </ul>													
<b>Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>Water based, easy to apply</li> <li>Penetrates and rejuvenates wood</li> <li>Low odour and low VOC</li> <li>Seals and protects against moisture</li> <li>Excellent wear resistance</li> <li>Can be used on all wood types (SA Pine, Meranti, Balau, Saligna, Okoume)</li> </ul>													
<b>Product Information</b>	Appearance	Clear												
	Colours	Teak (EWS 101), Pallisander (EWS 102) and White (FFW 2100)												
	Volume solids	Approx.23 %												
	Mass Solids	Approx.24 %												
	S G at 23 °C	Approx. 1,020												
	Viscosity at 23 °C	8-10 sec FC4												
	Recommended WFT	87 -109 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 of the substrate, as well as the application technique and tool used.												
	VOC	< 8 g/L												
<b>Application Details</b>	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Flow coat application												
	Thinning	Not recommended. Ready for use												
	Cleaning	Water												
	Drying time	Touch dry: 30 Mins. a@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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<b>Storage &amp; Packaging</b>	Store away from direct sun, heat and severe cold EWS 100 Range – 25 L FFW 2100 – 20 L													

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

### 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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