

PLASCOSAFE STAIN TOPCOATS

PRODUCT CODE: EWS 200 RANGE

TECHNICAL DATA SHEET

Colours Teak (EWS 201), Imbuia (EWS 202), Mahogany (EWS 203) and Light Oak (EWS 204)) Volume solids Approx. 25 % Mass Solids Approx. 26% S G at 23°C Approx. 1,020 Viscosity at 23 °C 90-95 KU Theoretical Spreading rate Teak (EWS 201), Imbuia (EWS 202), Mahogany (EWS 203) and Light Oak (EWS 204)) Approx. 25 % Approx. 1,020 90-95 KU Theoretical Spreading rate 10 -15 m²/L per coat. This serves as a guide only.	Product Description	Premium quality water based wood coating for exterior and interior use					
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 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 Colours Teak (EWS 201), Imbuia (EWS 202), Mahogany (EWS 203) and Light Oak (EWS 204)) Volume solids Approx. 25% Mass Solids S G at 23°C Approx. 26% S G at 23°C Viscosity at 23 °C Theoretical Spreading rate Practical Spreading Rate Practical Spreading Rate The practical spreading rate will vary depending on the profile substrate, as well as the application technique and tool used. **YOC** **A 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 Drying time Touch dry: 30 mins. at 23 °C (50% Relative Humidity) Application Environment Dry to handle: 4 h. @ 40 °C Full cure: 4 h. @ 40 °C **Surface Temperature Temperature Humidity Min: 10 °C Min: 10°C Min:	Intended Uses	To seal and protect exterior wooden surfaces such as door and window frames					
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 Colours Appearance Colours Clear - milky in wet state but dries to a clear Teak (EWS 201), Imbuia (EWS 202), Mahogany (EWS 203) and Light Oak (EWS 204)) Approx. 26% Approx. 26% Approx. 26% A Approx. 26% A Approx. 26% A Approx. 1,020 Viscosity at 23 °C Theoretical Spreading rate Practical Spreading Rate Practical Spreading Rate The practical spreading rate will vary depending on the profile substrate, as well as the application technique and tool used. 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 Application Environment Dry to handle: 4 h. @ 40 °C Full cure: 4 h. @ 40 °C Surface Ambient Temperature Humidity Min: 10 °C Min: 10	Features & Benefits	Water based, easy to apply					
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Min: 10 °C Min: 10 °C Min: 10%			Temperature	Temperature	Humidity		
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May: 40 °C May: 40 °C May: 959/				Max: 40 °C Max: 40 °C Max: 85%			





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Surface Preparation	All surfaces must be clean, dry and sound. Remove any oil, grease, etc.		
	1. NEW WOOD: Sand in the direction of the grain to a smooth finish with 180 grit paper. Remove dust with		
	a dry cloth.		
	Use EWS 100 Range as a Dip coat. Use EWS 200 Range or FFW 2200 as the Topcoats.		
	Use 320 grit paper to sand between coats.		
	2. PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION: Sand to matt finish to create a key. Remove		
	dust with a dry cloth		
	 PREVIOUSLY VARNISHED WOOD IN BAD CONDITION: Remove old varnish by sanding or by using REMOVALL ALL PUPORSE PAINT REMOVER (RRA 220). 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. 		
	4. WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE: Remove all		
	evidence of residue by mechanically sanding or by using REMOVALL ALL PURPOSE PAINT REMOVER (RRA 220). Remove dust with a dry cloth.		
	5. PREVIOUSLY PAINTED WOOD: Strip old paint by deep sanding or by using REMOVALL ALL PURPOSE		
	PAINT REMOVER (RRA 220). Rinse thoroughly with fresh water. 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.		
	KNOTS IN WOOD: Apply Plascon WOOD CARE KNOT SEAL (PK 2).		
	8. FILLER: If required use POLYCELL WOODFILLER. Sand to a smooth finish		
Application	 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	 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	Keep out of reach of children.		
Precautions	 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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