

WOODCARE WATERBASED PREMIUM EXTERIOR RANGE

PRODUCT CODE: WSP 17-28 RANGE & WST 3000/WSB 3000 Tint Bases

TECHNICAL DATA SHEET

Product Description	Premium quality water based coating.														
Intended Uses	<ul style="list-style-type: none"> • Suitable for a wide range of exterior woodwork applications. • Ideal for use on most wooden surfaces such as garage doors, shutters, window frames, doors, garden furniture, skirting, gates etc. 														
Features & Benefits	<ul style="list-style-type: none"> • Easy to apply and quick drying. • Penetrates and rejuvenates wood. • Low odour. • Built in UV stabilisers and preservatives to protect and increase the lifespan of wooden materials. • Seals and protects against moisture from penetrating the coating. • Low-build finish that maintains the natural appearance of wood. • Excellent adhesion to suitably prepared new and previously painted wood. • Available in Gloss and Suede finishes. • Clear, 5 Standard colours and Transparent Tint bases available for in store tinting. 														
Product Information	Appearance	Milky in wet state but dries to a clear.													
	Colours	Clear Gloss (WSP 17), Clear Suede (WSP 23), Light Oak (WSP 18, WSP 24), Teak (WSP 19, WSP 25), Oregon Pine (WSP 20, WSP 26), Imbuia (WSP 21, WSP 27) and Mahogany (WSP 22, WSP 28), Gloss Tint base (WST 3000), Suede Tint base (WSB 3000).													
	Tint Bases	20 %													
	Volume Solids	20 – 30 µm per coat													
	Recommended DFT	100 – 150 µm per coat													
	Recommended WFT	8 m ² /L per coat @ 25 µm DFT. This serves as a guide only.													
	Theoretical 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.													
	Practical spreading rate	Approx. 50g/L													
	TVOC	Approx. 50g/L													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.													
	Method	Brush.													
	Thinning	Not recommended. Ready for use.													
	Cleaning	Water													
	Drying time	Touch dry: 30 min @ 23 °C Over coating: 4 h @ 23 °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 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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Storage & Packaging	Store away from direct sun, heat and severe cold. Packaging: 1L and 5L														
Tinting Procedure	<ul style="list-style-type: none"> • Select the required colour and reference no. from the WOODCARE COLOUR CARD and locate the applicable formulation from the tables. • Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amount of colourants as per formulation. • Inject all required colourants, close container and shake on mechanical shaker for 5 minutes. • Note: COLOURS MUST BE TINTED FROM THE PRESCRIBED TINT BASES – WST 3000 AND WSB 3000. • Colours may differ from the WOODCARE COLOUR CARD depending on the type and condition of the wood, as well as, the amount of coats applied 														

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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 and allow to dry. 2. PREVIOUSLY VARNISHED WOOD IN GOOD CONDITION: Sand to an even matt finish to create a key. Remove dust with a damp cloth. 3. PREVIOUSLY VARNISHED WOOD IN POOR CONDITION: Remove old varnish by sanding or by using REMOVAL ALL PURPOSE PAINT REMOVER (RRA 220). If using REMOVAL rinse thoroughly with fresh water. Sand to a smooth finish. Remove dust with a damp cloth and allow to dry. 4. WOOD PREVIOUSLY COATED WITH WAX SEALER/OIL BASED WOOD PRESERVATIVE: Wood coated with wax sealer or oil based preservative should not be varnished 5. PREVIOUSLY PAINTED WOOD: Strip old paint by deep sanding or by using REMOVAL ALL PURPOSE PAINT REMOVER (RRA 220). If using REMOVAL rinse thoroughly with fresh water. Sand bare wood to a smooth finish. Remove dust with a damp cloth and allow to dry. 6. DISCOLOURED OR WEATHERED WOOD: Remove discoloured or weathered layer by sanding with 100 grit paper. Sand bare wood to a smooth finish with 150 grit paper. Remove dust with a damp cloth and allow to dry. 7. KNOTS IN WOOD: Clean off Resin with LACQUER THINNERS (ILS 1). Apply Plascon WOODCARE KNOT SEAL (PK 2). Allow to dry
Application	<ul style="list-style-type: none"> • NOTE: Do not thin WOODCARE WATERBASED PREMIUM EXTERIOR - ready for use. • Do not apply in a dusty environment. Apply the first coat by brush. Allow to dry for 4 hours. • Sand lightly between coats with fine paper to de-nib. Remove dust with a damp cloth and allow to dry. Repeat second and third coats in the same manner. Apply at least 3 coats to new and old wood
Caution	<ul style="list-style-type: none"> • Wood previously coated with wax sealer should not be varnished. • When coating exterior wood special attention must be given to the adequate sealing and coating of the end grain. • NB: Freshly painted windows, doors and gates must be allowed to dry for at least 12 hours at 23 °C before closing. • Exterior wood subject to severe climatic conditions and un-seasonal weather should be re-coated every 1 to 2 years to prevent substrate degradation.
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. • 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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