







Intergrain Universal Timber Oil / Pre-Oiling New Timber on New Timber [Exterior/Coastal]

AU_SW18148

Substrate And Substrate Preparation	
Substrate Notes:	<p>SUBSTRATE DESCRIPTION</p> <p>NEW TIMBER New timber items should be delivered in a clean dry condition, just prior to installation. The timber should be inspected for physical defects, such as splinters, cracks, woolly grain, machine marks, and knot holes and also for other defects such as sap and tannin stains, and resin exudation from knots. Examine surfaces for wax or preservatives. Moisture content should be close to equilibrium, usually 10-17% for satisfactory coating. Timber should be stored out of the weather prior to pre-oiling. Timber left exposed to the weather for as little as one month prior to painting will suffer from reduced paint adhesion and durability.</p> <p>MANUFACTURED HARDBOARD These products are manufactured as smooth sheets consisting of wood fibres bound with either natural lignin or a small percentage of phenolic resin. Hardboard is widely used as interior panelling but is vulnerable to moisture and therefore not suitable for exterior exposure or in high condensation conditions. Repairing damaged hardboard is not generally practical and it is advisable to completely replace any damaged sections. These products are manufactured from timber fibre bound with thermosetting phenol formaldehyde resin. They contain wax which may inhibit the drying of solvent based alkyd enamels and tannins which may bleed through water based coatings. As manufactured the smooth surfaces provide an ideal surface for finishing but machined edges are more porous and may show fibre raising when primed.</p>
Substrate Preparation Notes:	<p>ASSESS SUITABILITY Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 10-17% before staining or finishing can commence.</p> <p>REMOVE SURFACE CONTAMINANTS Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants. Scrape off and remove residual contaminants by solvent cleaning.</p> <p>SANDING Sand dressed timber with fine sandpaper in direction of the grain and along the full length of the board. Round off all sharp edges to a minimum of 2 mm radius in order to achieve an even film build and uniform paint coverage.</p>

Coating System Summary	
Sealant:	AU_DW02829: Intergrain Universal Timber Oil
Please refer to the coating system details below	

Coating System			
Coat Type:	Sealant	Datasheet:	AU_DW02829 Intergrain Universal Timber Oil
Application Methods:	      Air Spray Airless Spray Brush Roller Pad Other In line automated application such as a Ceetec Pre-Oiling Unit		
Theoretical Spread Rate *		Min	Max
Recoat Time **		10	20
		24 hours	Recommended
Coating Application Details:	<p>IMPORTANT: All timber is required to be free from dust, mould and site contaminants prior to coating. Follow all relevant product label instructions when using Intergrain products.</p> <p>For best performance, apply 1 coat to all sides of the timber prior to installation.</p> <ol style="list-style-type: none"> 1. Remove excess water from the surface and allow timber to thoroughly dry before coating. 2. Stir Intergrain Universal Timber Oil thoroughly before and during use with a flat blade stirrer. 3. OPTIONAL: For a longer lasting finish, add 1 x can of Intergrain Colour Additive in your selected colour. Stir thoroughly to incorporate colour evenly. When using two different tinted cans of the same colour, it is recommended that the product be mixed together in the same container. 4. Apply Intergrain Universal Timber Oil generously using the Intergrain Deckbrush™ (recommended), flat deck applicator, paint brush, roller or spray (air assisted airless or airless). Back brush to help even penetration. Ensure edges and end grain are fully coated. 5. Allow oil to penetrate for 30-60 minutes before wiping off any excess with a dry applicator or cloth. 6. Allow to dry for 24 hours, then apply second coat following same application process as first coat. <p>MAINTENANCE Maintenance time varies widely according to many factors including the age and porosity of the wood, species, situation and exposure to the weather. Intergrain Universal Timber Oil should be reapplied when the timber has lost its water resistance and water is soaking into the timber. We recommend routine maintenance inspections every 6 months to ensure the timber is still protected from water.</p> <p>OVERCOATING Any water based or oil based Intergrain finish can be applied on top of Intergrain Universal Timber Oil. Intergrain Universal Timber Oil does not need to be sanded or stripped before overcoating. Refer to surface preparation instructions on the desired top-coat label. Not suitable for overcoating with mineral oil based coatings.</p>		
Coating System Notes:	<p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p>		

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The data provided within the Duspec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating/product systems.

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DuluxGroup (Australia) Pty Ltd 1956 Dandenong Road, Clayton, Victoria 3168 AU ABN 67 000 049 427