

Intergrain Industrial Solid Timber Stain Charred Black on New Timber [Exterior]

AU_SW15972

Description
<p>Intergrain Industrial Solid Timber Stain is a penetrative, opaque exterior timber finish for vertical surfaces. Solid Timber Stain in Charred Black provides intense depth of colour whilst allowing the natural texture of the timber to show through. The finish provides a matt look with a slight sheen which highlights the timber grain and resembles the subtle lustre of charcoal. The 2 coat system guards timber from the destructive effects of water, UV and mould and being water based is easy to clean up. Solid Timber Stain in Charred Black can also be used to maintain the colour of charred timber and may help seal in fine ash residue. It is ideal for timber cladding, fences, gates, beams and screens. This Specifications is intended for site application and requires the timber to be washed prior to application.</p>

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 staining or coating. Timber should be stored out of the weather before painting. 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>AGED TIMBER Old timber surfaces should be inspected for dry rot, mould or fungus, excessive water content, grey and weathered timber, grain cracking, resins, stains, old unsound paint, dirt and any surface contamination. These defects should be rectified prior to painting.</p> <p>TANNIN RICH TIMBER Tannins are water-soluble compounds present in some timbers such as meranti, merbau, kwila, western red cedar and tallowwood. These tannins are leached out by water or moisture and can cause staining of surrounding areas. They are seen as dark coloured stains either under or within a coating. Tannin staining is most obvious in light coloured coatings, such as whites. Darker and wood-toned colours hide the tannin stains best. When using light colours on tannin rich timbers, an appropriate primer should be used to seal the tannins in the wood.</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. Use scraper to remove dirt and mortar splashes. Any greyed wood fibres on aged timbers need to be removed by sanding and / or suitable chemical wood cleaner. CLEAN Clean to remove all dirt, dust and all other surface contaminants by using a suitable cleaning agent and rinse off with clean water. Treat mould with a suitable mould treatment.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly.</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	
Prep Coat:	AU_DW02183: Intergrain Reviva Gel
1st Coat:	AU_DW02548: Intergrain Industrial Solid Timber Stain Charred Black
2nd Coat:	AU_DW02548: Intergrain Industrial Solid Timber Stain Charred Black
Please refer to the coating system details below	

Coating System			
Coat Type:	Prep Coat	Datasheet:	AU_DW02183 Intergrain Reviva Gel
Application Methods:	 Other Scrubbing Brush		
Coating Application Details:	1. Remove surface dirt by sweeping or washing down with water. 2. Shake Reviva Gel thoroughly. Apply neat using a scrubbing brush to the surface. Tannin rich timbers may also require repeat applications; wash until the water used to rinse Reviva Gel off is clear. 3. CAUTION: Wear waterproof gloves and safety glasses. Avoid contact with painted, concrete or metal surfaces and vegetation. May be corrosive to metals. Rinse off thoroughly if contact occurs. 4. Ensure the timber surface is damp prior to applying Reviva Gel. 5. Apply Reviva Gel mixture generously to the timber with a stiff bristle brush, broom or scouring pad. Scrub the timber vigorously. Clean complete sections at one time. Spot cleaning should be avoided to prevent patchy results. 6. Leave mixture on the timber for 10-15 minutes. If necessary, apply more mixture to keep timber damp throughout this period. For best results Reviva Gel should be applied to cool surfaces, out of direct sunlight, to avoid the cleaner drying on the timber. 7. Rinse off exterior surfaces thoroughly using maximum pressure from a garden hose or using a high pressure water cleaner. A high pressure water cleaner is recommended for large areas or badly discoloured timber. Note: Failure to thoroughly remove mixture may result in timber discolouration under clear finishes. 8. Allow timber to dry thoroughly before applying further products. Note: After cleaning, some timber species will appear lighter due to loss of water soluble extractives. Richer colour is generally restored on application of the finish.		
Coat Type:	1st Coat	Datasheet:	AU_DW02548 Intergrain Industrial Solid Timber Stain Charred Black
		Min	Max
Theoretical Spread Rate *			Recommended
Recoat Time **		4 hours	10
Coat Type:	2nd Coat	Datasheet:	AU_DW02548 Intergrain Industrial Solid Timber Stain Charred Black
		Min	Max
Theoretical Spread Rate *			Recommended
Recoat Time **		4 hours	10
Coating System Notes:	* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. ** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.		

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