







Intergrain Enviropo Invisible Floor Finish on New Timber [Interior] AU_SW18200

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	
Primer:	AU_DW02532: Intergrain Enviropo Timberseal Water Based
1st Coat:	AU_DW02768: Intergrain Enviropo Invisible Floor Finish
2nd Coat:	AU_DW02532: Intergrain Enviropo Timberseal Water Based
Please refer to the coating system details below	

Coating System			
Coat Type:	Primer	Datasheet:	AU_DW02532 Intergrain Enviopro Timberseal Water Based
Application Methods:	  Brush Roller		
Theoretical Spread Rate *		Min	Max
Recoat Time **		1 hour	10
Coating Application Details:	<p>MIXING Shake Timberseal Water Based for at least 1 minute prior to use to ensure uniform consistency.</p> <p>APPLICATION On Cypress Pine, we recommend using Timberseal Alcohol Based. It is recommended to shield doorways, fireplaces and windows from dust, dirt or other contaminants settling on the surface between coats, as this will affect the finished appearance. Do not completely seal, as adequate ventilation is required to assist with drying. Do not apply in temperatures above 35°C or below 10°C If using in temperatures above 30°C, Enviopro Wet Edge Extender can be added to Timberseal Water Based to a maximum of 5%, to ease application, follow instructions on the Wet Edge Extender label. If using more than one pack of Timberseal Water Based, it is recommended to mix all packs together to achieve product uniformity before use. Apply 1 coat of Timberseal Water Based. Cut in edges using a brush, then apply to the rest of the surface using a 10mm nap microfibre roller. Do not overwork the coating. Finishing strokes should be in the direction of the timber grain. DO NOT SAND. If sanding is required, apply the first coat of Endure 1 Pack or Endure 2 Pack, allow to dry, then screen with a worn 150 grit or 180 grit screen.</p>		
Coat Type:	1st Coat	Datasheet:	AU_DW02768 Intergrain Enviopro Invisible Floor Finish
Application Methods:	  Brush Roller		
Theoretical Spread Rate *		Min	Max
			10
Coating Application Details:	<p>MIXING Shake Invisible Floor Finish for at least 1 minute to ensure any settled matting agent is reincorporated. Strain product before use.</p> <p>It is recommended to shield doorways, fireplaces and windows from dust, dirt or other contaminants settling on the surface between coats, as this will affect the finished appearance. Do not completely seal, as adequate ventilation is required to assist with drying. Do not apply if air or substrate temperatures are above 35°C or below 10°C. If using in temperatures above 30°C, Enviopro Wet Edge Extender can be added to Invisible Floor Finish to a maximum of 5% to ease application, follow instructions on the Wet Edge Extender label. If using more than one pack of Invisible Floor Finish, it is recommended to mix all packs together to achieve product uniformity before use. For added durability and stain resistance, add 1 part Enviopro Endure 2 Pack Part B to 9 parts Invisible Floor Finish.</p> <p>NEW TIMBER Apply 2 coats of Invisible Floor Finish. Cut in edges using a brush along the grain, then apply to the rest of the surface using a 10mm nap microfibre roller. Finishing strokes should be in the direction of the grain. If required, lightly sand between coats to remove any grain raise. To increase the wear resistance, apply 3 coats of Invisible Floor Finish. On porous timbers, apply 3 coats of Invisible Floor Finish to ensure a uniform finish.</p> <p>PREVIOUSLY FINISHED SURFACES Including Floating Floors. To ensure adhesion, a test patch is recommended after the surface has been prepared. Apply a small test area with one coat of Invisible Floor Finish, allow to dry for 24 hours then firmly press a strip of sticky tape over the coating and rip off quickly. If the coating is removed, sand the full surface back to bare timber. If the coating is not removed, apply 1–2 coats of Invisible Floor Finish using a 10mm nap microfibre roller and brush edges as per new floor application. Apply 2 coats for optimal durability and stain resistance.</p> <p>SLIP RESISTANCE Tested to AS 4586:2013 Slip resistance classification of new pedestrian surface materials.</p> <p>When applied according to the instructions detailed above, Invisible Floor Finish achieves a wet slip resistance rating of P3.</p> <p>For a higher slip resistance, Intergrain UltraGrip can be added to Invisible Floor Finish. When 5% of Intergrain UltraGrip is added to each coat of Invisible Floor Finish, the coating system will achieve a wet slip resistance rating of P4.</p> <p>When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal. When using UltraGrip, do not sand between coats. When using UltraGrip with Invisible Floor Finish, decant Invisible Floor Finish into another clean container before adding the UltraGrip. While stirring, add UltraGrip slowly to avoid generating dust. Stir in UltraGrip thoroughly with a flat blade stirrer or drill mixer until fully mixed in and lump-free. Stir regularly during use.</p>		

Coat Type:	2nd Coat	Datasheet:	AU_DW02532 Intergrain Enviropo Timberseal Water Based
Application Methods:	  Brush Roller		
Theoretical Spread Rate *		Min	Max
Recoat Time **		1 hour	10
Coating Application Details:	<p>MIXING Shake Timberseal Water Based for at least 1 minute prior to use to ensure uniform consistency.</p> <p>APPLICATION On Cypress Pine, we recommend using Timberseal Alcohol Based. It is recommended to shield doorways, fireplaces and windows from dust, dirt or other contaminants settling on the surface between coats, as this will affect the finished appearance. Do not completely seal, as adequate ventilation is required to assist with drying. Do not apply in temperatures above 35°C or below 10°C If using in temperatures above 30°C, Enviropo Wet Edge Extender can be added to Timberseal Water Based to a maximum of 5%, to ease application, follow instructions on the Wet Edge Extender label. If using more than one pack of Timberseal Water Based, it is recommended to mix all packs together to achieve product uniformity before use. Apply 1 coat of Timberseal Water Based. Cut in edges using a brush, then apply to the rest of the surface using a 10mm nap microfibre roller. Do not overwork the coating. Finishing strokes should be in the direction of the timber grain. DO NOT SAND. If sanding is required, apply the first coat of Endure 1 Pack or Endure 2 Pack, allow to dry, then screen with a worn 150 grit or 180 grit screen.</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. ** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p>		

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