

Intergrain Enviopro Endure 1 Pack Matt on New Timber [Interior]

AU_SD16083

Description

DULUX Intergrain Enviopro Endure 1 Pack is a highly durable, single pack clear polyurethane designed for all interior timber, parquet and cork floors. It can also be used on other interior timber surfaces where a highly durable clear finish is desired and to refresh Floating Floors. Endure 1 Pack is low odour, quick drying (recoat in 4 hours), water washup and unlike oil based finishes, will not darken or yellow over time. Available in Matt, Satin and Gloss sheen levels, Endure 1 Pack is a great choice for residential projects. ^Being water based, Endure 1 Pack emits significantly less VOCs (volatile organic compounds) into the atmosphere than traditional solvent based finishes and meets the VOC requirements of the GBCA. So, combined with being safer to use, Endure 1 Pack is much gentler on the environment.



DULUX Intergrain Enviopro Timberseal is a high performance water based sealer that enhances the natural colour of timber and parquet floors. Timberseal aids in filling open grain timber, ensuring that the timber has an even appearance without discolouration or patchiness. When used with Enviopro Endure 1 Pack and 2 Pack, Timberseal becomes part of a high performance system.



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 Enviopro Timberseal Water Based
1st Coat:	AUDW1420: Intergrain Enviopro Endure 1 Pack Matt
2nd Coat:	AUDW1420: Intergrain Enviopro Endure 1 Pack Matt
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:	AUDW1420 Intergrain Enviropo Endure 1 Pack Matt
Application Methods:	  Brush Roller		
Theoretical Spread Rate * Wet Film Per Coat (microns) Dry Film Per Coat (microns) Recoat Time **		Min 4 hours	Max 10 Recommended 10 100 29
Coating Application Details:	<p>MIXING Shake Endure 1 Pack for at least 1 minute to ensure any settled matting agent is reincorporated. Strain product if required before use.</p> <p>APPLICATION 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.</p> <p>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 Endure 1 Pack to a maximum of 5% to ease application, follow instructions on the Wet Edge Extender label.</p> <p>If using more than one pack of Endure 1 Pack, it is recommended to mix all packs together to achieve product uniformity before use.</p> <p>NEW TIMBER Apply 1 coat of Enviropo Timberseal™ or Timberseal Ultra following the instructions on the label. Lightly sand Timberseal Ultra with a worn 180 mesh screen if needed. If using Timberseal, DO NOT SAND.</p> <p>Apply 2 coats of Endure 1 Pack. Cut in edges using a brush, then apply to the rest of the surface using a 10mm nap microfibre roller. To improve adhesion and minimise grain raise, it is recommended to screen between coats with a worn 150 grit screen or 180 grit screen.</p> <p>To increase the wear resistance, apply 3 coats of Endure 1 Pack. On porous timbers, apply 3 coats of Endure 1 Pack to ensure a uniform finish.</p> <p>PREVIOUSLY FINISHED SURFACES including Floating Floors. Wash the floor with Enviropo Squeaky Clean™ as per the label instructions. Lightly sand to a dull finish with a 100 grit screen, vacuum thoroughly to remove dust, then wipe clean with a damp rag. To ensure adhesion, a test patch is recommended after the surface has been prepared. Apply a small test area with Endure 1 Pack, 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, sand the test area back to a dull finish. Apply 1-2 coats of Endure 1 Pack using a 10mm nap microfibre roller.</p> <p>If patches of the previous coating have worn back to expose bare timber, the full floor must be sanded back to bare timber, and product applied as per 'new timber' directions.</p> <p>SLIP RESISTANCE Intergrain UltraGrip™ can be added to Endure 1 Pack Matt and Satin to achieve a more slip resistant finish. It is not recommended to add Intergrain UltraGrip to Endure 1 Pack Gloss as it will dull the gloss finish. For more information about system requirements refer to the datasheet on www.duspec.com.au. Add UltraGrip according to product instructions.</p>		

Coat Type:	2nd Coat	Datasheet:	AUDW1420 Intergrain Enviropo Endure 1 Pack Matt	
Application Methods:	<div> </div> <div>Brush Roller</div>			
		Min	Max	Recommended
Theoretical Spread Rate *			10	10
Wet Film Per Coat (microns)				100
Dry Film Per Coat (microns)				29
Recoat Time **		4 hours		
Coating Application Details:	<div>MIXING</div> <div>Shake Endure 1 Pack for at least 1 minute to ensure any settled matting agent is reincorporated. Strain product if required before use.</div> <div>APPLICATION</div> <div>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.</div> <div>Do not completely seal, as adequate ventilation is required to assist with drying.</div> <div>Do not apply in temperatures above 35°C or below 10°C.</div> <div>If using in temperatures above 30°C, Enviropo Wet Edge Extender can be added to Endure 1 Pack to a maximum of 5% to ease application, follow instructions on the Wet Edge Extender label.</div> <div>If using more than one pack of Endure 1 Pack, it is recommended to mix all packs together to achieve product uniformity before use.</div> <div>NEW TIMBER</div> <div>Apply 1 coat of Enviropo Timberseal™ or Timberseal Ultra following the instructions on the label.</div> <div>Lightly sand Timberseal Ultra with a worn 180 mesh screen if needed.</div> <div>If using Timberseal, DO NOT SAND.</div> <div>Apply 2 coats of Endure 1 Pack. Cut in edges using a brush, then apply to the rest of the surface using a 10mm nap microfibre roller.</div> <div>To improve adhesion and minimise grain raise, it is recommended to screen between coats with a worn 150 grit screen or 180 grit screen.</div> <div>To increase the wear resistance, apply 3 coats of Endure 1 Pack. On porous timbers, apply 3 coats of Endure 1 Pack to ensure a uniform finish.</div> <div>PREVIOUSLY FINISHED SURFACES including Floating Floors.</div> <div>Wash the floor with Enviropo Squeaky Clean™ as per the label instructions.</div> <div>Lightly sand to a dull finish with a 100 grit screen, vacuum thoroughly to remove dust, then wipe clean with a damp rag.</div> <div>To ensure adhesion, a test patch is recommended after the surface has been prepared.</div> <div>Apply a small test area with Endure 1 Pack, allow to dry for 24 hours then firmly press a strip of sticky tape over the coating and rip off quickly.</div> <div>If the coating is removed, sand the full surface back to bare timber.</div> <div>If the coating is not removed, sand the test area back to a dull finish. Apply 1-2 coats of Endure 1 Pack using a 10mm nap microfibre roller.</div> <div>If patches of the previous coating have worn back to expose bare timber, the full floor must be sanded back to bare timber, and product applied as per 'new timber' directions.</div> <div>SLIP RESISTANCE</div> <div>Intergrain UltraGrip™ can be added to Endure 1 Pack Matt and Satin to achieve a more slip resistant finish.</div> <div>It is not recommended to add Intergrain UltraGrip to Endure 1 Pack Gloss as it will dull the gloss finish.</div> <div>For more information about system requirements refer to the datasheet on www.duspec.com.au. Add UltraGrip according to product instructions.</div>			
Coating System Notes:	<div>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</div> <div>** Recoat times are quotes for 25°c and 50% relative humidity, these may vary under different conditions.</div>			

Comments

- Do not apply paint if Relative Humidity is above 85% or temperature is within 3°C of Dew Point.
Do not apply if the surface temperature is greater than 40°C or below 10°C, or likely to fall below 10°C during the application or drying period.
- Do not apply paint if the temperature is below 10°C or likely to fall below 10°C during the drying period.
- This is an abridged specification and must be read in conjunction with the FULL Dulux specification and product data sheet(s).

Disclaimer

Dulux, Selleys and Other marks followed by ® are registered trademarks. Marks followed by the symbol of ™ are trademarks.

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.

DISCLAIMER: Any advice, recommendation, information, assistance or service provided by any of the divisions of DuluxGroup (Australia) Pty Ltd or its related entities (collectively, DuluxGroup) in relation to goods manufactured by it or their use and application is given in good faith and is believed by DuluxGroup to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by DuluxGroup is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon DuluxGroup by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Coating/product systems can be expected to perform as indicated on the Duspec Spec Sheet so long as applications and application procedures of the individual products are followed as recommended on the appropriate Product data Sheet. "DuluxGroup" "Dulux" "Selleys" "Berger" "Berger Gold Label" "Hadrian" "Walpamur" "Levene" "Acratex" and Other marks followed by ® are registered trademarks of DuluxGroup (Australia) Pty Ltd ABN 67 000 049 427. Marks followed by the symbol ™ are trademarks.

Please note that this document is only valid for 60 days from the date of issue.

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