

Intergrain Enviropro Endure 1 Pack Satin on New Timber Flooring [Interior]

AUSW4242

Description	
Intergrain Enviropro Endure 1 Pack is a high performance, environmentally friendly, water-based polyurethane for timber and parquet floors. When used with Intergrain UltraGrip, additional slip resistance is achieved.	
Substrate And Substrate Preparation	
Substrate Notes:	New, uncoated timber. Comments: Tannin Rich Timber Tannins are water-soluble extractives 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. Naturally oily timber Some timbers such as cypress, spotted gum, tallowwood, brush box, teak and yellow balau are naturally oily. These oils can slow down the drying of a coating. Old uncoated timber, which may be grey and weathered, and/or have dry rot, mould, fungus, grain cracking, staining, dirt or other surface contamination. PREVIOUSLY OILED OR STAINED EXTERIOR TIMBER Exterior timber that had been previously coated with either a penetrating oil or stain. Not to be used on previously painted timber. Timber that has been previously coated with either a penetrating oil or stain, or with a film forming coating such as a clear varnish or paint.
Substrate Preparation Notes:	Punch all nail heads approx. 3 mm below surface of timber. Fill nail holes, cracks and other defects with a wood filler and allow to dry thoroughly. Do not use linseed oil putty. Sand in the direction of the grain and along the full length of the boards. Depending on the roughness of the timber, progress through the grades of sandpaper, finishing with a final sand using no finer than 240 grit. Remove all sanding dust.

Coating System Summary	
Primer:	AUDW1361: Intergrain Enviropro Timberseal
1st Coat:	AUDW1419: Intergrain Enviropro Endure 1 Pack Satin
2nd Coat:	AUDW1419: Intergrain Enviropro Endure 1 Pack Satin
Please refer to the coating system details below	

Coating System			
Coat Type:	Primer	Datasheet:	AUDW1361 Intergrain Enviropro Timberseal
Application Methods:	   Brush Roller Pad		
	Theoretical Spread Rate *	Min	Max
		10.9	10.9
	Wet Film Per Coat (microns)		
		27	27
	Dry Film Per Coat (microns)		
		27	27
	Recoat Time **	1.5 hrs	
Coating Application Details:	MIXING Shake the pack for 1 minute prior to application Cut in edges with a brush. Apply Timberseal at 10 to 12m²/L using an 11mm Sellaes Spirit micro-fibre roller. Do not overwork the coating. Finishing strokes should be in the direction of the timber grain. Sand the sealer with a worn 150 mesh screen if needed. When screening, ensure that you move quickly over the floor and avoid creating hot spots. If grain raise occurs you can apply the first top coat and then screen the surface. This will create a smooth finish without having to recut the grain of the timber.		
Coat Type:	1st Coat	Datasheet:	AUDW1419 Intergrain Enviropro Endure 1 Pack Satin
Application Methods:	   Brush Roller Pad		
	Min	Max	Recommended

	Theoretical Spread Rate * 7.9 8 10 Wet Film Per Coat (microns) 100 Dry Film Per Coat (microns) 37 37 29 Recoat Time ** 3 hrs min.
Coating Application Details:	MIXING Shake Endure 1 Pack for at least 1 minute to ensure any settled matting agent is reincorporated. Strain product if required before use. 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. Do not apply in temperatures above 35°C or below 10°C. If using in temperatures above 30°C, Enviropro 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. If using more than one pack of Endure 1 Pack, it is recommended to mix all packs together to achieve product uniformity before use. NEW TIMBER Apply 1 coat of Enviropro 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. 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. 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. PREVIOUSLY FINISHED SURFACES including Floating Floors. Wash the floor with Enviropro 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. 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. 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. A slip resistant finish can be obtained by applying one of the following applicable systems: Tested to AS 4586:2013 Slip resistance classification of new pedestrian surface materials. To achieve a WET Pendulum rating of P4 - 1 coat Enviropro Timberseal Ultra. - 1 coat Enviropro Endure 1 Pack Satin, with 5% Intergrain UltraGrip added. - 1 coat Enviropro Endure 1 Pack Satin. To achieve a WET Pendulum rating of P5 - 1 coat Enviropro Timberseal Ultra. - 2 coats Enviropro Endure 1 Pack Satin, with 5% Intergrain UltraGrip added to each coat. Intergrain UltraGrip must be added at a rate of 5%. That is: - 250g of UltraGrip for 5L of coating When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal. When using UltraGrip, do not sand the coat that contains the UltraGrip. When using UltraGrip with Endure 1 Pack, decant the Endure product 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. MAINTAINING A SLIP RESISTANT FINISH In order to maintain a slip resistant finish, the floor must be recoated as the slip resistance decreases due to wear. When recoating is required - Clean the surface with Enviropro Squeaky Clean, following label instructions. - Allow the floor to fully dry. - Lightly sand the existing coating. - Remove all sanding dust.

	- Apply 1 coat of Enviropro Endure 1 Pack Satin with 5% Intergrain UltraGrip added. Follow label instructions. - Allow to dry. - Apply 1 coat of Enviropro Endure 1 Pack Satin. Follow label instructions.		
Additional Coating Details:	Do not sand between coats.		
Coat Type:	2nd Coat	Datasheet:	AUDW1419 Intergrain Enviropro Endure 1 Pack Satin
Application Methods:	   Brush Roller Pad		
		Min	Max
Theoretical Spread Rate *		7.9	8
Wet Film Per Coat (microns)			10
Dry Film Per Coat (microns)		37	100
Recoat Time **		3 hrs min.	29
Coating Application Details:	MIXING Shake Endure 1 Pack for at least 1 minute to ensure any settled matting agent is reincorporated. Strain product if required before use. 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. Do not apply in temperatures above 35°C or below 10°C. If using in temperatures above 30°C, Enviropro 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. If using more than one pack of Endure 1 Pack, it is recommended to mix all packs together to achieve product uniformity before use. NEW TIMBER Apply 1 coat of Enviropro 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. 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. 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. PREVIOUSLY FINISHED SURFACES including Floating Floors. Wash the floor with Enviropro 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. 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. 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. A slip resistant finish can be obtained by applying one of the following applicable systems: Tested to AS 4586:2013 Slip resistance classification of new pedestrian surface materials. To achieve a WET Pendulum rating of P4 - 1 coat Enviropro Timberseal Ultra. - 1 coat Enviropro Endure 1 Pack Satin, with 5% Intergrain UltraGrip added. - 1 coat Enviropro Endure 1 Pack Satin. To achieve a WET Pendulum rating of P5 - 1 coat Enviropro Timberseal Ultra. - 2 coats Enviropro Endure 1 Pack Satin, with 5% Intergrain UltraGrip added to each coat. Intergrain UltraGrip must be added at a rate of 5%. That is: - 250g of UltraGrip for 5L of coating		

When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal.
When using UltraGrip, do not sand the coat that contains the UltraGrip.
When using UltraGrip with Endure 1 Pack, decant the Endure product 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.

MAINTAINING A SLIP RESISTANT FINISH

In order to maintain a slip resistant finish, the floor must be recoated as the slip resistance decreases due to wear.

When recoating is required

- Clean the surface with Enviropro Squeaky Clean, following label instructions.
- Allow the floor to fully dry.
- Lightly sand the existing coating.
- Remove all sanding dust.
- Apply 1 coat of Enviropro Endure 1 Pack Satin with 5% Intergrain UltraGrip added. Follow label instructions.
- Allow to dry.
- Apply 1 coat of Enviropro Endure 1 Pack Satin. Follow label instructions.

Comments

- Application techniques should be adjusted to achieve the recommended DFT and finishing standard. To avoid "Picture Framing" of texture topcoats "wet on wet" cutting in & coating technique is recommended or apply multiple coats thinning the first coat.
- 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.
- Dry times apply to a single coat at recommended spread rate at 25°C and 50% Relative Humidity. Allow longer times under cool, moist or still conditions.
- This specification is to be read in conjunction with DULUX product data sheets

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