

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

AUSW4012

Description

A highly durable, clear water based polyurethane for interior timber, parquet and cork floors. Recommended for residential projects, it's low odour, quick drying and non-yellowing.

Endure 1 Pack also meets the low VOC requirements of the Green Building Council Australia.

Intergrain UltraGrip can be added to achieve a P4 or P5 slip rating however will dull a gloss finish so is only recommended for matt or satin finishes and not Endure 21 Pack Gloss.

Product type: Water based

Application process: Suitable for on-site or factory application

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

1st Coat:	AUDW1361: Intergrain Enviropro Timberseal
2nd Coat:	AUDW1418: Intergrain Enviropro Endure 1 Pack Gloss
3rd Coat:	AUDW1418: Intergrain Enviropro Endure 1 Pack Gloss
Optional:	AUDW1418: Intergrain Enviropro Endure 1 Pack Gloss
Please refer to the coating system details below	

Coating System			
Coat Type:	1st Coat	Datasheet:	AUDW1361 Intergrain Enviropro Timberseal
Application Methods:	 Other Product may be applied by brush, roller or T-bar applicator.		
		Min	Max
Theoretical Spread Rate *		10.9	10.9
Wet Film Per Coat (microns)			12
Dry Film Per Coat (microns)		27	85
Recoat Time **		1.5 hrs	22
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 Selleys 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:	2nd Coat	Datasheet:	AUDW1418 Intergrain Enviropro Endure 1 Pack Gloss	
Application Methods:	 Brush Roller			
		Min	Max	Recommended
Theoretical Spread Rate *		8	8	10
Wet Film Per Coat (microns)				100
Dry Film Per Coat (microns)		36.5	36.5	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.			

Coat Type:	3rd Coat	Datasheet:	AUDW1418 Intergrain Enviropro Endure 1 Pack Gloss	
Application Methods:	  Brush Roller			
		Min	Max	Recommended
Theoretical Spread Rate *		8	8	10
Wet Film Per Coat (microns)				100
Dry Film Per Coat (microns)		36.5	36.5	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.			

Coat Type:	Optional	Datasheet:	AUDW1418 Intergrain Enviropro Endure 1 Pack Gloss	
Application Methods:	  Brush Roller			
		Min	Max	Recommended
Theoretical Spread Rate *		8	8	10
Wet Film Per Coat (microns)				100
Dry Film Per Coat (microns)		36.5	36.5	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.			
	Additional Coating Details:	A third coat may be applied to increase wear resistance and to enhance the uniformity of the finish on porous timbers.		

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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