

Intergrain Enviropro Endure Deck Matt

AU_DW02035

Part A	701-Line
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Description

Intergrain EnviroPro Endure Deck is a highly durable, water based oil for decking and exterior timber. EnviroPro Endure Deck produces a natural looking matt finish that maintains the appearance of the timber grain. It is available in lightly pigmented natural shades that enhance the colour of popular timber species. Being water based, it will keep timber protected and looking fresh for significantly longer than traditional solvent based decking oils. EnviroPro Endure Deck will weather naturally without the risk of flaking, blistering or peeling.

Features

- Highly durable, water based oil
- Natural looking matt finish
- Weathers naturally
- Available in lighted pigmented shades

Benefits

- Lasts significantly longer than solvent based decking oils
- Maintains the appearance of the timber grain
- Easy to maintain - will not blister, flake or peel
- Enhances the natural timber colour

Uses

Ideal to preserve the natural look of exterior timber including decking, cladding, screening, features, etc. Also suitable for use on HardiePlank, similar cement based substrates, Weathertex, some composites* and bamboo.

*Conduct an adhesion test on all composite timbers before use.

Precautions And Limitations

All timber must be cleaned with a timber cleaner prior to use. Conduct an adhesion test on all composite timbers before use. Do not apply to hot surfaces or those in direct sunlight, as doing so will result in difficult application, poor adhesion and blistering. Do not apply in temperatures above 35°C, below 10°C or if rain or dew is expected within 4 hours of application. Lightly dampening timber before painting will ease application in temperatures above 25°C.

Performance Guide

Weather	Excellent.	Salt	Good.
Heat Resistance	Up to 70C. Higher temperatures will cause film to soften.	Water	Good water resistance.
Solvent	Fair.	Abrasion	Good abrasion resistance.
Acid	Fair.	Alkali	Fair.

Typical Properties																											
Gloss Level	Matt	Colour	Lightly pigmented shades available.																								
Number Of Coats	2-3	V.O.C. Level	< 60g/L																								
Meets GBCA VOC Requirement?	Yes. Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product's raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours.	Touch Dry	1 hour																								
Clean Up	 Water																										
Application Method	    Air Spray Airless Spray Brush Pad Other: Lambswool applicator recommended. If spraying, back brush immediately to ensure good penetration into the timber. Do not apply by roller.																										
Application Conditions	<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Solids By Volume</td> <td style="text-align: center;">31</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Min</td> <td style="text-align: center;">Max</td> <td style="text-align: center;">Recommended</td> </tr> <tr> <td style="text-align: right;">Wet Film Per Coat (microns)</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">Dry Film Per Coat (microns)</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">Recoat Time (min)</td> <td colspan="3" style="text-align: center;">2 hours</td> </tr> <tr> <td style="text-align: right;">Theoretical Spread Rate (m²/L)</td> <td></td> <td></td> <td></td> </tr> </table>			Solids By Volume	31				Min	Max	Recommended	Wet Film Per Coat (microns)				Dry Film Per Coat (microns)				Recoat Time (min)	2 hours			Theoretical Spread Rate (m²/L)			
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Typical Properties Notes	<p>Suggested Wet Film Thickness (WFT) and Dry Film Thickness (DFT) for on-site application (once substrate has been installed) Horizontal surfaces: WFT 100 microns / DFT 31 microns Vertical surfaces: WFT 45 microns / DFT 15 microns</p> <p>NOTE The WFT and DFT for each coat may be varied to suit the application process. However, the final, in-service DFT required for sufficient exterior durability must be at least 62 microns. The DFT will need to be higher in fully weather exposed situations - at least 93 microns. Apply as many coats as needed to achieve these film thicknesses.</p> <p>COVERAGE 10-14m²/L depending on the porosity of the timber.</p> <p>DRYING TIME Touch Dry: 1 hour at 25°C and 50% humidity. Recoat: Allow a minimum of 2 hours drying between coats at 25°C, 50% relative humidity. Cold or humid conditions will require longer. Decking can be walked on, with care, after 12 hours. Full curing after 7 days.</p>																										

Application Guide	
Surface Preparation	<ul style="list-style-type: none"> ▪ 1. NEW BARE TIMBER DOORS, WINDOWS, EAVES. Sand timber to a uniform, smooth surface. Ensure the timber is dry and free from all dirt, dust, wax and oils. Clean oily timbers, such as Brushbox, Spotted Gum, Cypress or Tallowwood with methylated spirits and allow to dry. Note: Do not use steel wool on timber to be coated with EnviroPro Endure Deck as severe staining will occur. Then proceed to Step 4. ALL OTHER NEW BARE EXTERIOR TIMBER. Allow timber to weather for approximately four to six weeks until leaching of the tannins and oils has ceased or to coat bare timber immediately, treat timber with Intergrain PowerPrep™ closely following label instructions. PowerPrep will draw out tannins and oils quickly and remove them from the timber surface. Then proceed to Step 2. IMPORTANT: You must always use Intergrain Reviva® after PowerPrep. PREVIOUSLY PAINTED OR VARNISHED TIMBER. All paints and coatings that seal the surface must be thoroughly removed back to bare timber. To remove coating in good condition, a combination of Intergrain Liquid 8™ Timber Stripper* and power washing, or sanding is recommended. To remove coatings in poor condition, a combination of Intergrain PowerPrep and power washing is recommended. Then proceed to Step 2. STAINED OR OILED TIMBER. Coatings that do not seal the surface commence at Step 2. WEATHERED, GREY OR MOULDY TIMBER. Proceed to Step 2 OR for best results and for severely weathered or mouldy timber, sand timber back to a fresh surface, remove sanding

	<p>dust, then proceed to Step 2.</p> <p>ALL COMPOSITES & BAMBOO SUBSTRATES. Follow Step 2 and Step 3 as below. Check for adhesion by applying EnviroPro Endure Deck to a test area, approximately 250mm x 250mm. Allow to dry for 12 hours then firmly press a strip of sticky tape over the coated section and rip off quickly. If the coating is removed do not proceed as the surface is not suitable. If coating is intact proceed to Step 4. Note: testing has revealed that some bamboo products, both coated and un-coated, are predisposed to growing mould regardless of the preparation undertaken or the products used. If mould growth occurs, the coating must be sanded back to bare bamboo. Wash the surface with diluted household bleach following label directions. Then proceed to Step 2. CEMENT BASED SUBSTRATES eg. HardiePlank. Ensure surface is clean, sound, dry and free of dust, dirt, mould and other contaminants. Then proceed to Step 4.</p> <p>2. Clean all timber with Intergrain Reviva Timber Cleaner according to label instructions. Allow timber to dry thoroughly. 3. Test if the surface is ready for coating by sprinkling water on the timber. If the water is absorbed into the timber it is ready for coating. If the water beads or sits on the surface repeat the application of Reviva. 4. In humid, tropical or mould susceptible areas timber should be coated with a mould preventative treatment such as Intergrain TSSTM Mould Preventer* as per the label instructions. TSS Mould Preventer* should be left for a minimum of four (4) hours before applying EnviroPro Endure Deck. 5. Fill nail holes and surface defects with an exterior wood putty such as Intergrain Woodblend™ Wood Filler as per the label instructions after applying the first coat.</p>
<p>Application Procedure And Equipment</p>	<ul style="list-style-type: none"> ▪ 1. Stir EnviroPro Endure Deck thoroughly before and during use with a flat blade stirrer. DO NOT THIN. If the project requires more than one can of EnviroPro Endure Deck, mix all cans together in one large container to achieve colour uniformity. 2. For a slip resistant surface on stairs, ramps and wet areas, add Intergrain UltraGrip™ additive into each coat of EnviroPro Endure Deck. 3. To ease application and achieve the best possible finish when coating large areas or in warm conditions, Intergrain Hot Weather Additive can be added. DO NOT add more than 5% to the total volume. Stir thoroughly with a flat blade stirrer to fully incorporate. 4. Apply TWO coats of EnviroPro Endure Deck with a quality synthetic or pure bristle brush, pad applicator or spray (airless or air-assisted airless). DO NOT APPLY BY ROLLER. THREE (3) coats will be required in extreme conditions such as full sun exposure, around pools and in humid areas, and may be required on porous timbers. When applied at the correct application rate (14m²/L) the coating will have an opaque appearance which becomes transparent on drying. DO NOT brush out until transparent, over brush or apply thinly, as insufficient film thickness will compromise performance and durability. 5. If spraying, back brush after each section is coated to ensure a uniform finish. 6. Apply along the length of the board including exposed edges and end grain. Only apply to the width of the applicator at a time to prevent lap marks. 7. If necessary, sand lightly between coats to remove any raised grain. 8. Keep freshly coated contacting surfaces such as doors and windows ajar for several days if possible. Some tight closing windows may need sealing strips to prevent sticking. 9. Wait two hours to dry and apply a second coat. <p>MAINTENANCE Inspect the coating annually and touch up any minor damage. The first indication of the need for recoating will be observed as signs of dryness and loss of colour. Clean the timber thoroughly with Intergrain Reviva and recoat with EnviroPro Endure Deck following the application instructions.</p> <p>SLIP RESISTANT FINISH - NEW COATING A slip resistant finish can be obtained by applying the following system: - 2 coats of Endure Deck, with 5% UltraGrip added to each coat.</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. To avoid spillage, it may be necessary to remove 500ml of the timber coating from the can before adding UltraGrip. While stirring, add UltraGrip slowly to avoid generating dust. Stir in UltraGrip thoroughly with a flat blade stirrer. Add removed timber coating back to the can as space becomes available. Stir thoroughly. Stir regularly during use.</p> <p>SLIP RESISTANCE RATING When the system described above is applied, the resultant finish achieves the following slip rating: Tested to AS4586-2013 Slip resistance classification of new pedestrian surface materials. WET Pendulum = Class P4 OIL-WET Ramp = Slip Resistance Assessment Group R11</p>

Health And Safety			
MSDS Number	DLXINTEN000425	Using Safety Precautions	Keep out of reach of children. Avoid contact with skin and eyes. Provide adequate ventilation during and after application.
Health Effects	FIRST AID: For advice contact a Doctor or Poisons Information Centre, ph 13 11 26. SWALLOWED: Give plenty of water to drink. Seek medical advice. EYE: Rinse with plenty of running water. Seek medical help if irritation occurs. SKIN: If skin contact occurs, remove contaminated clothing and wash skin thoroughly.	Flammability	Non-flammable
Storage	Keep out of reach of children.	Disposal	Do not pour leftover product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collections. Empty containers should be left open in a well ventilated area to dry out. When dry, recycle the container via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council/Waste Management Authority first.
Other	For further information on safety, first aid or product datasheets, call Intergrain Customer Service on FREECALL 1800 630 285, www.intergrain.com.au FOR EMERGENCIES call 1800 033 111		
In the case of emergency, please call 1800 033 111			

Transport And Storage	
Pack A	701-line Intergrain Enviropro Endure Deck
Size 10L	Weight 11.5Kg

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