

Intergrain Enviropo Endure 2 Pack Satin on New Timber [Interior] AU_SD15756

| Substrate And Substrate Preparation | |
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| 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 | |
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| Primer: | AU_DW02532: Intergrain Enviropo Timberseal Water Based |
| 1st Coat: | AUDW1422: Intergrain Enviropo Endure 2 Pack Satin |
| 2nd Coat: | AUDW1422: Intergrain Enviropo Endure 2 Pack Satin |
| Please refer to the coating system details below | |

| Coating System | | | |
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| Coat Type: | Primer | Datasheet: | AU_DW02532 Intergrain Enviropo Timberseal Water Based |
| Application Methods: |   Brush Roller | | |
| Theoretical Spread Rate * Recoat Time ** | | Min 1 hour | Max 10 Recommended |
| 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> | | |
| Coat Type: | 1st Coat | Datasheet: | AUDW1422 Intergrain Enviropo Endure 2 Pack Satin |
| 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 30 |
| Coating Application Details: | <p>MIXING Mix Endure 2 Pack Part A and Endure 2 Pack Part B at a ratio of 9 to 1 and shake for at least 2 minutes to ensure it is thoroughly combined. Strain product if required before use.</p> <p>POT LIFE Pot life: 3 hours, Endure 2 Pack must be used within 3 hours of mixing.</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. 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 2 Pack to a maximum of 5%, to ease application, follow instructions on the Wet Edge Extender label.</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. Apply 2 coats of Endure 2 Pack 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 2 Pack. On porous timbers, apply 3 coats of Endure 2 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. 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 2 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 2 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.</p> | | |

SLIP RESISTANCE

Intergrain UltraGrip can be added to Endure 2 Pack Matt and Satin to achieve a more slip resistant finish.

It is not recommended to add Intergrain UltraGrip to Endure 2 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 Enviropo Timberseal Ultra.
- 1 coat Enviropo Endure 2 Pack Satin, with 5% Intergrain UltraGrip added.
- 1 coat Enviropo Endure 2 Pack Satin.

To achieve a WET Pendulum rating of P5

- 1 coat Enviropo Timberseal Ultra.
- 2 coats Enviropo Endure 2 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 2 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. Then add Endure Part B and mix thoroughly. 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 Enviropo Squeaky Clean, following label instructions.
- Allow the floor to fully dry.
- Lightly sand the existing coating.
- Remove all sanding dust.
- Apply 1 coat of Enviropo Endure 2 Pack Satin with 5% Intergrain UltraGrip added. Follow label instructions.
- Allow to dry.
- Apply 1 coat of Enviropo Endure 2 Pack Satin. Follow label instructions.

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| Coat Type: | 2nd Coat | Datasheet: | AUDW1422 Intergrain Enviropo Endure 2 Pack Satin |
| 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 30 |
| Coating Application Details: | <p>MIXING Mix Endure 2 Pack Part A and Endure 2 Pack Part B at a ratio of 9 to 1 and shake for at least 2 minutes to ensure it is thoroughly combined. Strain product if required before use.</p> <p>POT LIFE Pot life: 3 hours, Endure 2 Pack must be used within 3 hours of mixing.</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 2 Pack to a maximum of 5%, to ease application, follow instructions on the Wet Edge Extender label.</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 2 Pack 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 2 Pack. On porous timbers, apply 3 coats of Endure 2 Pack to ensure a uniform</p> | | |

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| | <p>finish.</p> <p>PREVIOUSLY FINISHED SURFACES including Floating Floors Wash the floor with Enviropo Squeaky Clean™ as per the label instructions. 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 2 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 2 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 2 Pack Matt and Satin to achieve a more slip resistant finish. It is not recommended to add Intergrain UltraGrip to Endure 2 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> <p>A slip resistant finish can be obtained by applying one of the following applicable systems:</p> <p>Tested to AS 4586:2013 Slip resistance classification of new pedestrian surface materials.</p> <p>To achieve a WET Pendulum rating of P4</p> <ul style="list-style-type: none"> - 1 coat Enviropo Timberseal Ultra. - 1 coat Enviropo Endure 2 Pack Satin, with 5% Intergrain UltraGrip added. - 1 coat Enviropo Endure 2 Pack Satin. <p>To achieve a WET Pendulum rating of P5</p> <ul style="list-style-type: none"> - 1 coat Enviropo Timberseal Ultra. - 2 coats Enviropo Endure 2 Pack Satin, with 5% Intergrain UltraGrip added to each coat. <p>Intergrain UltraGrip must be added at a rate of 5%. That is:</p> <ul style="list-style-type: none"> - 250g of UltraGrip for 5L of coating <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 the coat that contains the UltraGrip. When using UltraGrip with Endure 2 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. Then add Endure Part B and mix thoroughly. Stir regularly during use.</p> <p>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</p> <ul style="list-style-type: none"> - Clean the surface with Enviropo Squeaky Clean, following label instructions. - Allow the floor to fully dry. - Lightly sand the existing coating. - Remove all sanding dust. - Apply 1 coat of Enviropo Endure 2 Pack Satin with 5% Intergrain UltraGrip added. Follow label instructions. - Allow to dry. - Apply 1 coat of Enviropo Endure 2 Pack Satin. Follow label instructions. |
| 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.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> |

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