

## Intergrain Ultradeck

AUDW1285

Part A	552-line
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### Description

Intergrain UltraDeck is an extremely long lasting, water based oil for decking and exterior timber. UltraDeck contains unique Hydroguard technology<sup>®</sup> to guard timber against Australian and New Zealand harsh conditions as well as the abrasive effects of foot traffic. The natural looking finish resists stain absorption and dirt and dust adhesion, helping timber stay clean. The result is timber that stays protected and looking fresh for significantly longer than traditional decking oils. UltraDeck is available in a lightly pigmented natural colour or with mild timber tones to highlight the characteristics of popular timber species. More colour tones can be achieved by tinting UltraDeck at the paint counter. UltraDeck is fast drying, allowing two coats to be applied in one day, and will weather naturally, without risk of flaking, blistering and peeling.

**^HYDROGUARD TECHNOLOGY:**

High-tech resins that guard timber by resisting water, dirt, dust and stains.

**#ENVIRONMENTALLY RESPONSIBLE:**

Being water based, UltraDeck emits significantly less VOC's (volatile organic compounds) into the atmosphere than traditional oil based timber finishes. This makes UltraDeck safer to use, and much gentler on the environment.

### Features

- Water based
- Hydroguard technology<sup>™</sup>
- Resists stain absorption and dirt and dust adhesion

### Benefits

- Environmentally friendly
- Guards timber against Australia's harsh conditions as well as the abrasive effects of foot traffic.
- Helps timber stay clean

### Uses

Ideal to preserve the natural look of all exterior timber including decking, window frames, garage doors, garden furniture, walkways, fences and railings.

### Precautions And Limitations

Do not apply to hot surfaces or those in direct sunlight, as doing so may result in difficult application, poor adhesion and blistering. Do not apply in temperatures above 35°C or 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 28°C.

### Performance Guide

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

Typical Properties																											
<b>Colour</b>	Various colours.	<b>Components</b>	1																								
<b>Number Of Coats</b>	2-3	<b>Toxicity</b>	Dry film is non-toxic.																								
<b>V.O.C. Level</b>	< 40g/L	<b>Meets GBCA VOC Requirement?</b>	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.																								
<b>Touch Dry</b>	1 hour																										
<b>Clean Up</b>	 Water																										
<b>Application Method</b>	 Air Spray  Airless Spray  Brush  Pad																										
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<b>Typical Properties Notes</b>	<p>Suggested Wet Film Thickness (WFT) and Dry Film Thickness (DFT) for on-site application (once substrate has been installed)                      Horizontal surfaces: WFT 75 microns / DFT 16 microns                      Vertical surfaces: WFT 45 microns / DFT 10 microns</p> <p><b>NOTE</b>                      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 32 microns. The DFT will need to be higher in fully weather exposed situations - at least 48 microns. Apply as many coats as needed to achieve these film thicknesses.</p> <p><b>COVERAGE</b>                      10-14 square metres per litre depending on the porosity of the timber.</p> <p><b>DRYING TIME</b>                      All drying times are at 25°C and 50% humidity.                      Touch Dry: 1 hour.                      Recoat: Allow minimum 4 hours drying between coats. In cold or humid conditions, which slow drying, allow overnight drying between coats. Decking can be walked on after 24 hours, but may retain some tackiness for several days. Full curing 7 days.</p> <p><b>DRYING TIMES WILL BE LONGER IN CONDITIONS COOLER THAN 25°C OR MORE HUMID THAN 50% HUMIDITY.</b></p>																										

Application Guide	
<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>▪ <b>NEW BARE TIMBER DOORS, WINDOWS, EAVES.</b> 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 UltraDeck as severe staining will occur. Then proceed to Step 4.</li>   <li><b>ALL OTHER NEW BARE EXTERIOR TIMBER.</b> Allow timber to weather for approximately four to six weeks until leaching of the tannins and oils has ceased OR to coat new 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. <b>IMPORTANT:</b> You must always use Intergrain Reviva® after PowerPrep.</li>   <li><b>PREVIOUSLY PAINTED OR VARNISHED TIMBER.</b> 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.</li>   <li><b>STAINED OR OILED TIMBER.</b> Coatings that do not seal the surface commence at Step 2.</li> </ul>

	<p>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 dust, then proceed to Step 2.</p> <p>ALL COMPOSITES &amp; BAMBOO SUBSTRATES. Follow Step 2 and Step 3 as below. Check for adhesion by applying UltraDeck to a test area, approximately 250mm x 250mm. Allow to dry for twelve 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.</p> <p>2. Clean all timber with Intergrain Reviva Timber Cleaner according to label instructions. Remove excess pooled water and ensure surface is clean. Allow timber to dry thoroughly OR if desired coat new bare timber whilst still damp. Note: Three coats of UltraDeck will be required if coating new bare damp timber.</p> <p>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.</p> <p>4. In humid, tropical or mould susceptible areas timber should be coated with a mould preventative treatment such as Intergrain TSS™ Mould Preventer* as per the label instructions. TSS Mould Preventer should be left for a minimum of four hours before applying UltraDeck.</p> <p>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><b>Application Procedure And Equipment</b></p>	<ul style="list-style-type: none"> <li>▪ Stir thoroughly before and during use with a flat blade stirrer. If project requires more than one can of UltraDeck, mix all cans together in one large container to achieve colour uniformity.</li> </ul> <p>For a slip resistant surface on stairs, ramps and wet areas, add Intergrain UltraGrip™* additive into each coat of UltraDeck. To ease application and achieve the best possible finish when coating large areas or in warm conditions, add Intergrain Hot Weather Additive™* to UltraDeck according to label instructions.</p> <p>Apply UltraDeck using a quality brush, lambswool applicator, or spray (air assisted airless or airless). Do not apply by roller. If spraying, back-brush immediately after each section is coated to ensure a uniform finish. Do not overspread or apply thinly as insufficient film thickness will result in lap marks and compromise performance and durability. Take care to apply sufficient product to edges and end grain. When coating large areas, such as decking and weatherboards, coat no more than three boards at a time. Complete an entire length or continue to a natural break such as a window.</p> <p>Wait four hours to dry and apply a second coat. If necessary, sand lightly between coats to remove any raised grain.</p> <p>Three coats will be required in extreme conditions such as full sun exposure, around pools, in humid areas, when applying direct to new bare damp timber, and may be required on porous timbers.</p> <p>Note: If applying direct to new bare damp timber in extreme conditions, four coats will be required.</p> <p>Keep freshly coated contacting surfaces such as doors and windows ajar for several days to prevent sticking. Some tight closing windows may need sealing strips to prevent sticking.</p> <p><b>MAINTENANCE</b> Conduct a routine 12 monthly maintenance inspection. Best protection of the timber and ease of maintenance is ensured if UltraDeck is recoated before deterioration of the coating and timber underneath occurs. First indication of the need for recoating will be observed as patchiness or discolouration on edges and areas where insufficient product has been applied. To apply a maintenance coat to a surface which is in good condition, clean the surface with Reviva and apply one coat of UltraDeck. To refresh timber with significant signs of weathering, greying or mould, prepare the surface as per the directions under SURFACE PREPARATION.</p> <p><b>SLIP RESISTANT FINISH - NEW COATING</b> A slip resistant finish can be obtained by applying the following system: - 2 coats of UltraDeck, with 5% UltraGrip added to each coat.</p> <p>Intergrain UltraGrip must be added at a rate of 5%. That is: - 200g of UltraGrip for 4L of coating - 500g of UltraGrip for 10L of coating</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><b>SLIP RESISTANCE RATING</b> When the system described above is applied, the resultant finish achieves the following slip rating:</p> <p>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> <p><b>MAINTAINING A SLIP RESISTANT FINISH</b> In order to maintain a slip resistant finish, decking or walkways must be recoated as the slip resistance decreases due to wear. When recoating is required - Clean the surface with Intergrain Reviva, following label instructions. - Allow the surface to fully dry. - Apply 1 coat of Intergrain UltraDeck with 5% Intergrain UltraGrip added. Follow label instructions. - Further coats of Intergrain UltraDeck with 5% Intergrain UltraGrip added can be applied if required for additional weather durability.</p>

Health And Safety			
<b>MSDS Number</b>	21104	<b>Using Safety Precautions</b>	Keep out of reach of children. Slippery when spilt; clean up immediately. Avoid contact with skin and eyes or breathing vapour and spray mist (dust). Wear waterproof gloves and safety glasses. Use only in well ventilated areas. Wash hands after use.
<b>Health Effects</b>	FIRST AID: If poisoning occurs, contact a Doctor or Poisons Information Centre (AUST: 131 126; NZ 0800 764 766).  SWALLOWED: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water.  EYE: If in eyes, hold eyes open, flush with running water for at least 15 minutes.  SKIN: If skin contact occurs, remove contaminated clothing and wash skin thoroughly.  INHALED: Remove from contaminated area.  EMERGENCY INFORMATION (ALL HOURS): AUST – 1800 033 111; NZ – 0800 734 607.  INTERGRAIN CUSTOMER SERVICE: For further product or application advice or a Safety Data Sheet contact Intergrain Customer Service: Aust – 1800 630 285, NZ – 0800 222 687.  *NEW ZEALAND: Products not available in NZ.	<b>Flammability</b>	This product is non-flammable.
<b>Fire Suppression</b>	If involved in a fire use water fog, foam or dry agents. Avoid breathing products of combustion.	<b>Protective Equipment</b>	Wear waterproof gloves and safety glasses.
<b>Storage</b>	Keep out of reach of children.	<b>Disposal</b>	Refer to Local Authority for disposal advice. Do not empty into drains and waterways. Do not reuse container.
<b>In the case of emergency, please call 1800 033 111</b>			

Transport And Storage	
<b>Pack A</b>	552-line
<b>Size</b>	<b>Weight</b>
250ml 1L 4L 10L	0.4Kg 1.2Kg 4.5Kg 11.1Kg

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