

Intergrain Universal Timber Oil on New Timber [Exterior/Coastal]

AU_SW17493

| Description |
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| <p>Intergrain Universal™ Timber Oil is an oil based coating designed to protect and nourish all timber species from within. The deeply penetrating*, clear finish will never flake, blister or peel^ and helps prevent warping, cupping and splitting. Intergrain Universal Timber Oil will allow the timber to gradually fade over time to a natural grey or can be tinted using Intergrain Colour Additive for a longer lasting finish.</p> |

| Substrate And Substrate Preparation | |
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| <p>Substrate Notes:</p> | <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 moisture content, usually 10-17% for satisfactory staining or coating. Timber should 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 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. 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. 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 practicable 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> |
| <p>Substrate Preparation Notes:</p> | <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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| Prep Coat: | AU_DW02614: Intergrain UltraPrep Timber Cleaner |
| 1st Coat: | AU_DW02829: Intergrain Universal Timber Oil |
| 2nd Coat: | AU_DW02829: Intergrain Universal Timber Oil |
| Optional: | AU_DW02829: Intergrain Universal Timber Oil |
| Please refer to the coating system details below | |

| Coating System | | | |
|-------------------------------------|---|-------------------|--|
| Coat Type: | Prep Coat | Datasheet: | AU_DW02614 Intergrain UltraPrep Timber Cleaner |
| Application Methods: |  Other Stiff bristle brush. | | |
| | Min | Max | Recommended |
| Theoretical Spread Rate * | | 10 | |
| Coating Application Details: | Shake Intergrain UltraPrep Timber Cleaner thoroughly. Mix ONE part Intergrain UltraPrep Timber Cleaner to FOUR parts water in a plastic container. For severely stained surfaces a stronger solution or repeat applications may be necessary. Tannin rich timbers may also require repeat applications; wash until the water used to rinse off is clear. Wet the timber surfaces to be cleaned with water. Apply Intergrain UltraPrep Timber Cleaner mixture generously to the timber with a stiff bristle brush. Scrub the timber vigorously. Spot cleaning should be avoided to prevent patchy results. Leave mixture on the timber for 10-15 minutes. If necessary, apply more mixture to keep timber damp throughout this period, do not allow mixture to dry. Rinse off surface thoroughly using maximum pressure from a garden hose or using a high pressure water cleaner (recommended for large areas or badly discoloured timber). Failure to thoroughly rinse off the mixture may result in timber discolouration under clear finishes. Note: After cleaning, some timber species will appear lighter due to loss of water soluble extractives. Richer colour is generally restored on application of the finish. HELP & ADVICE Australia – 1800 630 285 www.intergrain.com.au NZ – 0800 222 687 www.intergrain.co.nz For detailed project specifications or a Safety Data Sheet, contact Intergrain Help & Advice or visit our website. | | |
| Coat Type: | 1st Coat | Datasheet: | AU_DW02829 Intergrain Universal Timber Oil |
| Application Methods: |  Air Spray  Airless Spray  Brush  Roller  Pad | | |
| | Min | Max | Recommended |
| Theoretical Spread Rate * | 10 | 20 | |
| Recoat Time ** | 24 hours | | |
| Coating Application Details: | IMPORTANT: All timber is required to be free from dust, mould and site contaminants prior to coating. Follow all relevant product label instructions when using Intergrain products. For best performance, apply at least 1 coat to all sides of the timber prior to installation. 1. Remove excess water from the surface and allow timber to thoroughly dry before coating. 2. Stir Intergrain Universal Timber Oil thoroughly before and during use with a flat blade stirrer. 3. OPTIONAL: For a longer lasting finish, add 1 x can of Intergrain Colour Additive in your selected colour. Stir thoroughly to incorporate colour evenly. When using two different tinted cans of the same colour, it is recommended that the product be mixed together in the same container. 4. Apply Intergrain Universal Timber Oil generously using the Intergrain Deckbrush™ (recommended), flat deck applicator, paint brush, roller or spray (air assisted airless or airless). Back brush to help even penetration. Ensure edges and end grain are fully coated. 5. Allow oil to penetrate for 30-60 minutes before wiping off any excess with a dry applicator or cloth. 6. Allow to dry for 24 hours, then apply second coat following same application process as first coat. MAINTENANCE Maintenance time varies widely according to many factors including the age and porosity of the wood, species, situation and exposure to the weather. Intergrain Universal Timber Oil should be reapplied when the timber has lost its water resistance and water is soaking into the timber. We recommend routine maintenance inspections every 6 months to ensure the timber is still protected from water. OVERCOATING Any water based or oil based Intergrain finish can be applied on top of Intergrain Universal Timber Oil. Intergrain Universal Timber Oil does not need to be sanded or stripped before overcoating. Refer to surface preparation instructions on the desired top-coat label. Not suitable for overcoating with mineral oil based coatings. | | |
| Additional Coating Details: | If necessary, sand lightly between coats to remove any raised grain. | | |

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| Coat Type: | 2nd Coat | Datasheet: | AU_DW02829 Intergrain Universal Timber Oil | |
| Application Methods: |      | Air Spray Airless Spray Brush Roller Pad | | |
| Theoretical Spread Rate * | | Min | Max | Recommended |
| Recoat Time ** | | 10 | 20 | |
| | | 24 hours | | |
| Coating Application Details: | <p>IMPORTANT: All timber is required to be free from dust, mould and site contaminants prior to coating. Follow all relevant product label instructions when using Intergrain products.</p> <p>For best performance, apply at least 1 coat to all sides of the timber prior to installation.</p> <ol style="list-style-type: none"> 1. Remove excess water from the surface and allow timber to thoroughly dry before coating. 2. Stir Intergrain Universal Timber Oil thoroughly before and during use with a flat blade stirrer. 3. OPTIONAL: For a longer lasting finish, add 1 x can of Intergrain Colour Additive in your selected colour. Stir thoroughly to incorporate colour evenly. When using two different tinted cans of the same colour, it is recommended that the product be mixed together in the same container. 4. Apply Intergrain Universal Timber Oil generously using the Intergrain Deckbrush™ (recommended), flat deck applicator, paint brush, roller or spray (air assisted airless or airless). Back brush to help even penetration. Ensure edges and end grain are fully coated. 5. Allow oil to penetrate for 30-60 minutes before wiping off any excess with a dry applicator or cloth. 6. Allow to dry for 24 hours, then apply second coat following same application process as first coat. <p>MAINTENANCE Maintenance time varies widely according to many factors including the age and porosity of the wood, species, situation and exposure to the weather. Intergrain Universal Timber Oil should be reapplied when the timber has lost its water resistance and water is soaking into the timber. We recommend routine maintenance inspections every 6 months to ensure the timber is still protected from water.</p> <p>OVERCOATING Any water based or oil based Intergrain finish can be applied on top of Intergrain Universal Timber Oil. Intergrain Universal Timber Oil does not need to be sanded or stripped before overcoating. Refer to surface preparation instructions on the desired top-coat label. Not suitable for overcoating with mineral oil based coatings.</p> | | | |
| Additional Coating Details: | If necessary, sand lightly between coats to remove any raised grain. | | | |
| Coat Type: | Optional | Datasheet: | AU_DW02829 Intergrain Universal Timber Oil | |
| Application Methods: |      | Air Spray Airless Spray Brush Roller Pad | | |
| Theoretical Spread Rate * | | Min | Max | Recommended |
| Recoat Time ** | | 10 | 20 | |
| | | 24 hours | | |
| Coating Application Details: | <p>IMPORTANT: All timber is required to be free from dust, mould and site contaminants prior to coating. Follow all relevant product label instructions when using Intergrain products.</p> <p>For best performance, apply at least 1 coat to all sides of the timber prior to installation.</p> <ol style="list-style-type: none"> 1. Remove excess water from the surface and allow timber to thoroughly dry before coating. 2. Stir Intergrain Universal Timber Oil thoroughly before and during use with a flat blade stirrer. 3. OPTIONAL: For a longer lasting finish, add 1 x can of Intergrain Colour Additive in your selected colour. Stir thoroughly to incorporate colour evenly. When using two different tinted cans of the same colour, it is recommended that the product be mixed together in the same container. 4. Apply Intergrain Universal Timber Oil generously using the Intergrain Deckbrush™ (recommended), flat deck applicator, paint brush, roller or spray (air assisted airless or airless). Back brush to help even penetration. Ensure edges and end grain are fully coated. 5. Allow oil to penetrate for 30-60 minutes before wiping off any excess with a dry applicator or cloth. 6. Allow to dry for 24 hours, then apply second coat following same application process as first coat. <p>MAINTENANCE Maintenance time varies widely according to many factors including the age and porosity of the wood, species, situation and exposure to the weather. Intergrain Universal Timber Oil should be reapplied when the timber has lost its water resistance and water is soaking into the timber. We recommend routine maintenance inspections every 6 months to ensure the timber is still protected from water.</p> <p>OVERCOATING Any water based or oil based Intergrain finish can be applied on top of Intergrain Universal Timber Oil. Intergrain Universal Timber Oil does not need to be sanded or stripped before overcoating. Refer to surface preparation instructions on the desired top-coat label. Not suitable for overcoating with mineral oil based coatings.</p> | | | |

Comments

- 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 25C and 50% Relative Humidity. Allow longer times under cool, moist or still conditions.
- Practical spreading rates will vary from quoted theoretical figures depending on substrate porosity, surface roughness, overspray losses, application methods and environmental conditions (eg wind).

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