

## Intergrain UltraDeck Timber Stain on New Innowood Cladding (Exterior)

Duspec+ Reference: AUIN00342

### Description and Image

**Intergrain UltraDeck Timber Stain** is a long lasting, high performance water based stain designed to transform the colour of all exterior timber. The enduring finish guards timber against harsh weather conditions as well as the abrasive effects of foot traffic, providing your timber superior protection for longer.

Intergrain UltraDeck Timber Stain is a semi-transparent finish, meaning the colour, age and condition of the timber to be stained will impact the final colour and finish. Because of this, any representation of Intergrain UltraDeck Timber Stain colour is to be viewed as a close representation of the colour that can be achieved. Always test on a small area or off-cut for colour suitability before use. The instructions below offer general preparation and application guidelines for exterior timber. For larger projects, cladding, interior, commercial jobs or for more specific information please contact our Help & Advice team.



### Substrate & Substrate Preparation

INNOWOOD is a composite wood product which is predominately made from wood waste, helping to prevent depletion of forests through the sustainable use of renewable materials and energy management.

### Substrate Preparation Notes

Preparation

Installation and fixing should be done so in accordance with INNOWOOD's installation instructions.

All timber should be clean and free from dust, dirt, debris, and mortar prior to coating.

**Light surface soiling:** A light wipe down with a clean damp cloth will be suitable.

**Heavy surface soiling & surface discolouration:** Clean the surface with Intergrain UltraPrep Timber Cleaner following the directions on the pack and rinse, allowing the surface to dry thoroughly prior to topcoat application.

Always test the coating on a small inconspicuous area, observing colour & testing adhesion by applying Intergrain UltraDeck Timberstain to a test area of approximately 100mm x 100mm. Allow the area to dry for 12 hours, firmly press a strip of sticky tape over the coated section and remove quickly. If any of the coating is removed, repeat the cleaning recommendation above. If the coating remains intact then follow the application recommendations on the pack, observing the recommended application rate per coat, number of coats and recommended recoat and dry times.

Additional Notes

This specification outlines the application if Intergrain UltraDeck Timber Stain applied to INNOWOOD engineered timber products. The reference to Timber Cleaner is listed as an "optional" preparation in the event the substrate is stained, heavily soiled, or weathered.

### Coating System Summary

- Optional Intergrain UltraPrep Timber Cleaner
- 1st Coat Intergrain UltraDeck Timber Stain
- 2nd Coat Intergrain UltraDeck Timber Stain
- NOTE: *For harsh environments a 3<sup>rd</sup> coat of Intergrain UltraDeck Timber Stain is recommended*

Coating System							
Optional – Intergrain UltraPrep Timber Cleaner							
Coat Type <b>Optional</b>	Datasheet AUIIN00040 Intergrain UltraPrep Timber Cleaner						
Read the full Datasheet details at <a href="#">Intergrain UltraPrep Timber Cleaner</a>							
Application Methods <b>Stiff Bristled Brush.</b>							
Theoretical Spread Rate (m <sup>2</sup> /L)	<table border="1"> <thead> <tr> <th>Min</th> <th>Max</th> <th>Recommended</th> </tr> </thead> <tbody> <tr> <td><input type="text"/></td> <td><input type="text" value="10"/></td> <td><input type="text"/></td> </tr> </tbody> </table>	Min	Max	Recommended	<input type="text"/>	<input type="text" value="10"/>	<input type="text"/>
Min	Max	Recommended					
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V.O.C. Level <b>&lt;10g/L</b>	<p>Meets GBCA V.O.C. Requirements? <b>Yes</b></p> <p>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.</p>
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**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](http://www.intergrain.com.au)

NZ – 0800 222 687  
[www.intergrain.co.nz](http://www.intergrain.co.nz)

For detailed project specifications or a Safety Data Sheet, contact Intergrain Help & Advice or visit our website.

Additional Coating Details Use only If the surface is stained or heavily soiled.

SDS Number  
**DLXGHSEN003477**

SDS Link  
[View SDS Link](#)

## 1<sup>st</sup> Coat - Intergrain UltraDeck Timberstain

Coat Type  
**1st Coat**

Datasheet  
**AUIN00039 Intergrain UltraDeck Timber Stain**

Safety Data Sheet Number  
DLXGHSEN003477

Safety Data Sheet Link  
[View SDS Link](#)

Read the full Datasheet detail at [Intergrain UltraDeck Timber Stain](#)

### Application Methods



V.O.C. Level  
**<70g/L**

Meets GBCA V.O.C. Requirements?  
**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.

### Typical Property Notes

#### Coverage

6-12 m<sup>2</sup>/L per coat, depending on the porosity of the timber.

#### Dry time - coat in any season#

Ideal Conditions Temperature between 15-35°C and Humidity

Touch dry 1 hour

Recoat 2 hours

Rain ready^ 2 hours

#### Cool Conditions

Temperature between 5-15°C and Humidity <85%

Touch Dry 3 Hours

Recoat 6 Hours

Rain Ready ^6 Hours

#### # Coat in any season limitations

Do not apply if: Humidity is higher than 85%

Air or surface temperatures are above 35°C or below 5°C

Rain or dew is expected before coating is rain ready ^

Doing so may result in difficult application, poor adhesion, and blistering.

^ Rain ready Intergrain UltraDeck Timber Stain can withstand light rain on the day of application. Use times provided above as a guide for when your final coat will be rain ready.

### Coating Application Details

Remove excess water from the surface and allow the timber to dry for at least 1 hour before coating. Stir Intergrain UltraDeck Timber Stain thoroughly before and during use with a flat blade stirrer.

It is recommended to test in a small area to ensure satisfaction with the colour and finish prior to staining the whole project, ensure to apply 2-3 coats for the best indication of final colour.

Apply Intergrain UltraDeck Timber Stain using the Intergrain DeckBrush (recommended), flat deck applicator, paint brush or spray (air assisted airless or airless). Do not use a roller. Apply at the coverage rate of 6-12m<sup>2</sup>/L. Do not overspread or apply thinly as insufficient film thickness will result in lap marks and compromise performance and durability. When coating large areas, work in sections, apply long strokes and use natural breaks in the boards as stopping points. If spraying, it is recommended to back brush to even out the finish and avoid spotting.

Allow to dry following the recoat time indicated in the section TYPICAL PROPERTIES above, then apply a second coat. If necessary, sand lightly between coats to remove any raised grain.

A third coat will give extra protection and is required in harsh conditions such as full sun exposure, around pools and in humid areas or if the first coat was applied on damp or porous timber.

**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. Keep freshly coated contacting surfaces such as doors and windows ajar for several days to prevent sticking.

**Maintenance**

Conduct a routine 12 monthly maintenance inspection. Colour fade is the first sign of need to recoat. Best protection of the timber and ease of maintenance is ensured if Intergrain UltraDeck Timber Stain is recoated before deterioration of the coating and timber underneath occurs.

**Help & advice**

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**2<sup>nd</sup> Coat - Intergrain UltraDeck Timberstain**

Coat Type <b>2nd Coat</b>	Datasheet <b>AUIN00039 Intergrain UltraDeck Timber Stain</b>
Safety Data Sheet Number DLXGHSEN003477	Safety Data Sheet Link <a href="#">View SDS Link</a>

Read the full Datasheet detail at [Intergrain UltraDeck Timber Stain](#)

Application Methods



<p>V.O.C. Level <b>&lt;70g/L</b></p>	<p>Meets GBCA V.O.C. Requirements? <b>Yes</b></p> <p>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.</p>
<p>Typical Property Notes</p> <p><b>Coverage</b> 6-12 m<sup>2</sup>/L per coat, depending on the porosity of the timber.</p> <p><b>Dry time - coat in any season#</b> Ideal Conditions Temperature between 15-35°C and Humidity Touch dry 1 hour Recoat 2 hours Rain ready^ 2 hours</p> <p><b>Cool Conditions</b> Temperature between 5-15°C and Humidity &lt;85% Touch Dry 3 Hours Recoat 6 Hours Rain Ready ^6 Hours</p> <p># Coat in any season limitations Do not apply if: Humidity is higher than 85% Air or surface temperatures are above 35°C or below 5°C Rain or dew is expected before coating is rain ready ^ Doing so may result in difficult application, poor adhesion, and blistering.</p> <p>^ Rain ready Intergrain UltraDeck Timber Stain can withstand light rain on the day of application. Use times provided above as a guide for when your final coat will be rain ready.</p>	
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***For specific product information always refer to the pack instructions and relevant Product Technical Data and Safety Data Sheets. Digital hyperlinks are available in this document.***

#### **For Intergrain Coatings Help & advice**

Australia – 1800 630 285

NZ – 0800 222 687

#### **Health and Safety:**

For emergencies always contact 000

- Safety Precautions of Use: Avoid contact with skin and eyes or breathing vapour. Wear waterproof gloves and safety glasses. Use only in well-ventilated areas. Wash hands after use. Slippery when spilt so clean up immediately.
- Health Effects: FIRST AID: If poisoning occurs, contact a doctor or the Poisons Information Centre on: 13 11 26 (AUS) & 0900 764 766 (NZ).
- SWALLOWED: Rinse mouth out with water, If swallowed do not induce vomiting but drink a glass of water and seek medical attention. CONTACT WITH EYES: Flush with plenty of running water for at least 15 minutes and seek medical help if irritation occurs. CONTACT WITH SKIN: If skin contact occurs immediately remove contaminated clothing and wash skin thoroughly.
- Protective Equipment: Wear waterproof gloves and safety glasses.
- Storage: Keep out of reach of children
- Flammability: This product is Non-flammable
- Fire Suppression: Use water fog, foam or dry agents. Avoid breathing in products of combustion.
- Disposal:

Do not pour leftover product into drain. Unwanted product should be brushed out on newspaper, allow to dry, and then dispose of via domestic waste collections. Empty containers should be left open in a well-ventilated area to dry out and then recycled via a steel can recycling programs. Disposal or recycling programs for empty paint containers differ from dependant of local authorities so please check with your local waste management authority prior to disposal.

The information provided within this document is correct at the time of publication, it is the responsibility of those using the information to ensure that they are using the most current version and are referring to the relevant product use guidelines.

The most current version is available at [www.innowood.com](http://www.innowood.com) Innowood is a registered trademark of Innowood Group Pty Ltd ABN 63 121 649 072.

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