

NZIN00098 Intergrain UltraDeck Timber Stain on New Timber trim [Exterior]

Description

Intergrain UltraDeck Timber Stain is a high performance, semi transparent, water based stain to transform the colour of exterior timber whilst protecting it from the destructive forces of nature. Available in a range of base colours that can be tinted to achieve a wide colour palette, UltraDeck Timber Stain delivers a vast range of timber colour options to cater for individual designs or to present treated pine as another timber species. UltraDeck Timber Stain is extremely durable and withstands wear on timber decking without the need for a top-coat. With additives for resistance to UV, water and mould, UltraDeck Timber Stain is more durable and lasts longer than traditional oil based stains.

Substrate and Substrate Preparation

Substrate Notes

New dressed timber 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 as well as sap and tannin stains, resin exudation from knots, 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 in clean, dry conditions before painting. Timber left exposed to the weather for as little as 7 days for some species prior to painting will suffer from degradation and reduced paint adhesion and durability.

Aged timber should be inspected for dry rot, mould or fungus, excessive water content, grey and weathered timber, grain cracking, resins, stains, dirt and other surface contamination. These defects should be rectified prior to painting. Degraded timber should be sanded back to as-new condition before painting.

Some timbers such as meranti, merbau, kwila, western red cedar and tallowwood contain high levels of tannin which may bleed through water-based coatings and require an effective tannin-blocking primer to seal the tannins in the wood.

Substrate Preparation Notes

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.




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.

REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly.

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.

Coating System Summary

- | | |
|------------|-------------------------------------|
| • 1st Coat | Intergrain UltraPrep Timber Cleaner |
| • 2nd Coat | Intergrain UltraDeck Timber Stain |
| • 3rd Coat | Intergrain UltraDeck Timber Stain |
| • 4th Coat | Intergrain UltraDeck Timber Stain |

Coating System		
1st Coat — Intergrain UltraPrep Timber Cleaner		
Coat Type 1st Coat	Datasheet NZIN00041 Intergrain UltraPrep Timber Cleaner	
Read the full Datasheet details at Intergrain UltraPrep Timber Cleaner		
Application Methods Stiff bristle brush		
V.O.C. Level <10g/L	Meets ECNZ 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.	
<p>Coating Application Details</p> <p>Shake Intergrain UltraPrep Timber Cleaner thoroughly.</p> <p>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.</p> <p>Wet the timber surfaces to be cleaned with water.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Help & advice</p> <p>Australia – 1800 630 285 www.intergrain.com.au</p> <p>NZ – 0800 222 687 www.intergrain.co.nz</p> <p>For detailed project specifications or a Safety Data Sheet, contact Intergrain Help & Advice or visit our website.</p>		
SDS Number DLXGHSEN003477	SDS Link View SDS Link	
2nd Coat — Intergrain UltraDeck Timber Stain		
Coat Type 2nd Coat	Datasheet NZIN00040 Intergrain UltraDeck Timber Stain	
Read the full Datasheet details at Intergrain UltraDeck Timber Stain		
Application Methods		
<div><div> Air Spray</div><div> Brush</div><div> Pad</div></div>		
<div><div>Min</div><div>Max</div><div>Recommended</div></div>		

Theoretical Spread Rate (m ² /L)	12		
Wet Film Per Coat (microns)	84		
Dry Film Per Coat (microns)	26		
Recoat Time **	#		

V.O.C. Level <70g/L	Meets ECNZ 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.
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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 or airless). Do not use a roller.

Apply at the coverage rate of 6-12m²/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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www.intergrain.com.au

NZ – 0800 222 687
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Additional Coating Details

Any timber supplied to site uncoated should be coated prior to installation on all faces, edges and end grain prior to installation. Note that all exposed end grain should be coated with all coats of the coating system. Hidden end grain may require two coats to fully seal end. Failure to fully seal the end grain can result in tannin staining.

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3rd Coat — Intergrain UltraDeck Timber Stain

Coat Type 3rd Coat	Datasheet NZIN00040 Intergrain UltraDeck Timber Stain
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Read the full Datasheet details at [Intergrain UltraDeck Timber Stain](#)

Application Methods



	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	12		
Wet Film Per Coat (microns)	84		
Dry Film Per Coat (microns)	26		
Recoat Time **	#		

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

Meets ECNZ V.O.C. Requirements?

Yes

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4th Coat — Intergrain UltraDeck Timber Stain

Coat Type
4th Coat

Datasheet
NZIN00040 Intergrain UltraDeck Timber Stain

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

Application Methods

 **Air Spray**  **Brush**  **Pad**

	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	12		
Wet Film Per Coat (microns)	84		
Dry Film Per Coat (microns)	26		
Recoat Time **	#		

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

Meets ECNZ V.O.C. Requirements?

Yes

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Coating System Notes

* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. DRY TIME - COAT IN ANY SEASON# Ideal Conditions Temperature between 15-35° C and Humidity <85% 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. DRY TIME - COAT IN ANY SEASON# Ideal Conditions Temperature between 15-35° C and Humidity <85% 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.

Disclaimer

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Unless Dulux has provided you with a customised, project-specific specification, this Duspec+ document does not represent that any particular product or product system will be suitable for your project.

Any information provided in this Duspec+ is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Duspec+ document, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Duspec+ document, and as recommended on the applicable Dulux Product Data Sheet and Safety Data Sheets for the relevant products (available from www.duspecplus.co.nz). Climatic conditions at application time can affect Duspec+ documentation suitability and product performance.

The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

Where any liability of Dulux in respect of this Specification cannot by law be excluded, Dulux's liability is limited, as permitted by law and at Dulux's option, to resupply of the relevant products or services or to reimbursing the cost of those products or services.

WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS/ NZS 4361 Parts 1 and 2 and Worksafe Australia or New Zealand guidelines.