

NZIN00086 Intergrain UltraDeck Timber Stain on Previously Coated Timber trim [Exterior]

Description

Intergrain UltraDeck® Timber Stain is a long lasting, high performance water based stain designed to transform the colour of 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 within this data sheet 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 and Substrate Preparation

Substrate Notes

This is a generic timber substrate. The following timber substrates are excluded: tannin rich timbers (such as cedar), bamboo. Other specialty timbers may also not be covered by this substrate.

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, dirt and any surface contamination. These defects should be rectified prior to painting.

PREVIOUSLY COATED TIMBER

If possible, both the substrate and previous coating should be identified eg alkyd, acrylic, stain or varnish or oil. If the previous coating has not weathered/worn off, the previous coating type must be able to be overcoated with the new coating, and the condition of the coating must be suitable for overcoating.

Substrate Preparation Notes

ASSESS SUITABILITY

Inspect to determine the degree of deterioration of existing coatings and presence of decayed timber. Identification of the existing coating is also very helpful in determining the repaint system.

SANDING

If the coating is a stain (film forming) and has not weathered completely off, it is recommended to remove the coating by sanding off to ensure a sound substrate.

REMOVE SURFACE CONTAMINANTS

Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants. Clean to remove all dirt, dust, mould, greyed wood fibres and all other surface contaminants by using Intergrain Reviva or Cabot's Deck Clean and rinse off with clean water. Scrape off any sap or gum exudations and then treat these areas by solvent cleaning with either Mineral Turps or Methylated Spirits, before priming. Use scraper to remove dirt and mortar splashes.

REPAIR SURFACE IMPERFECTIONS




Fill nail holes, cracks and other defects and allow to dry thoroughly. Prepare all areas that have poor adhesion, are cracking, peeling and flaking by sanding, power sanding, scraping, wire brushing or burning off as appropriate. Feather edges of the surrounding sound coating.

ADDITIONAL NOTES:

- For oiled or stained timber, the coating must either be removed or overcoated with the same type of product. Oil and stain coatings can be removed by weathering off over time. However, the coatings can be removed earlier using the following method. First, wash with Intergrain Reviva or Cabot's Deck Clean, so any dirt or mould is not pushed back into the surface when you sand. You may use a paint stripper like Selleys Kwik Strip and then sand or just sand. When sanding always sand in the direction of the grain and start with a medium to coarse sandpaper (eg. 50 - 80 grade) finishing with a finer sandpaper (eg. 150 grade). Then wash the timber down again with Intergrain Reviva or Cabot's Deck Clean to label instructions. Once this has been completed and the timber has dried out thoroughly, carry out a water bead test. Using a hand held plastic spray bottle, lightly spray water onto the timber surface. If the water soaks into the timber relatively quickly, the surface is ready for coating. If the water beads on the surface, the timber requires further cleaning or weathering before it can be coated.




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 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>		
	Min	Max Recommended

Theoretical Spread Rate (m²/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.	
<p>Coating Application Details</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <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. Keep freshly coated contacting surfaces such as doors and windows ajar for several days to prevent sticking.</p> <p>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.</p> <p>Help & advice 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>			
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3rd Coat — Intergrain UltraDeck Timber Stain

Coat Type 3rd 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 (m²/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.		
<p>Coating Application Details</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <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. Keep freshly coated contacting surfaces such as doors and windows ajar for several days to prevent sticking.</p> <p>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.</p> <p>Help & advice 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>			
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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

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.

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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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.

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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.