AUIN00460 Intergrain NaturalStain

Introduction

Product Line
552-line NaturalStain

Description and Image

Intergrain NaturalStain™ (previously known as UltraDeck® Timber Stain) is a long lasting, high performance water-based stain designed to transform the look of exterior timber. The enduring finish is made and tested to protect against Australia's harshest conditions as well as the abrasive effects of foot traffic, providing timber with long lasting colour retention on every project. NaturalStain is guaranteed to never peel, flake, or blister* and contains unique HydroGuard™ Technology, a unique blend of high-tech resins designed to guard timber by resisting water and stains.



Features and Benefits

- Long lasting superior protection & colour retention
- High traffic formula
- Coat in any season*
- Lasts five times longer than oil based decking oils
- Extremely weather resistant
- Contains unique Hydroguard technology™

Standards And Certifications

Global Green Tag Certified: GreenRate Level A

Standards and Certifications

For details on these standards and certifications please reference the 'Approvals' section at the beginning of this document.Please contact your DuluxGroup representative for specific information on ESD credits / points.

Uses

Decking, window frames, doors, outdoor furniture, vertical screens, cladding, fences and fibre cement surfaces.

Precautions and Limitations

Intergrain NaturalStain is a semi-transparent finish, meaning the number of coats applied (minimum 2), colour of the timber, age and condition of the timber to be stained will change. Always test on a small inconspicuous area or off-cut, following the recommended application parameters outlined on the pack or in this TDS 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.

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 ^

Performance Guide

Weather **Exterior durable**	Heat Resistance **Up to 70 degrees Celsius. Higher temperatures will cause film to soften.**
Water **Good**	Abrasion **Good**

Typical Properties

Colour
Various packaged and store tinted colours

Components **1**	Number of Coats **2-3**

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.

Clean Up

Water

Application Methods

Brush **Pad** **Spray**

Application Conditions

Solids by Volume: **31**

	Min	Max	Recommended
Wet Film Per Coat (microns)	84		
Dry Film Per Coat (microns)	26		
Recoat Time (min/hours)	See below		
Theoretical Spread Rate (m²/L)	6	12	

Typical Property Notes

Typical Property Notes

Coverage
6-12 m2/L per coat, depending on the porosity of the timber.

Ideal Conditions
Temperature between 15-35°C and Humidity <85%
Touch dry 1 hour
Recoat 2 hours
Rain ready^ 2 hours
Full cure 7 days
Coat in any season#

Cool Conditions
Temperature between 5-15°C and Humidity <85%
Touch dry 3 hours
Recoat 6 hours
Rain ready^ 6 hours
Full cure 14 days

 # 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 NaturalStain 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.

Application Guide

Surface Preparation

The instructions below offer general preparation guidelines. For larger projects, commercial jobs or for more specific information, please contact our Help & Advice team.

New, pre-oiled timber
Timber that is factory pre-oiled with Intergrain Universal Timber Oil or Feast Watson Industrial Timber Oil does not require exterior weathering or treatment to remove tannin or oils. This pre-oiled timber can be directly over coated with Intergrain NaturalStain.

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: 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.

IMPORTANT
Prior to topcoat purchase and application, it is important to identify the type of oil the supplier or timber merchant has used, to ensure it is compatible with water-based oil application. If unsure, follow the recommendations below for New Raw Timber.

New raw timber
Treat timber with Intergrain UltraPrep Tannin & Oil Remover. Then, clean with Intergrain UltraPrep Timber Cleaner.

Grey and weathered with no previous coating
Clean with Intergrain UltraPrep Timber Cleaner. For severely weathered timber, sand back to a fresh surface, remove all sanding dust, then clean with Intergrain UltraPrep Timber Cleaner.

Existing coating in poor condition
Remove coating by using a combination of Intergrain UltraPrep Tannin & Oil Remover and power washing. Then clean with Intergrain UltraPrep Timber Cleaner.

Paints, varnishes or coatings in varied condition
Paints, varnishes or coatings that have deteriorated unevenly, remove all existing coating by using Intergrain Liquid 8 Timber Stripper or sanding back to bare timber. Then clean with Intergrain UltraPrep Timber Cleaner.

Maintenance coat of Intergrain NaturalStain
If your existing Intergrain NaturalStain coating is in good condition, clean the surface with Intergrain UltraPrep™ Timber Cleaner.
Important: If mould is present or if timber is in a mould prone area, use Intergrain UltraPrep Mould Killer to remove surface mould effectively as the first step of preparing the timber for coating.

Application Procedure and Equipment

Remove excess water from the surface and allow the timber to dry for at least 1 hour before coating.
Stir Intergrain NaturalStain 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 NaturalStain 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 6-12m2/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
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.

Health and Safety

SDS Number	SDS Link
DLXGHSEN003479	**View SDS Link**

Using Safety Precautions
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.

Please refer to SDS Link. In case of emergency, please call 1800 220 770.

Transport and Storage

Pack A
552-line NaturalStain

Size:	Weight:
250ml 1L 4L 10L	**0.33Kg 1.20Kg 4.62Kg 11.39Kg**

Please refer to the Safety Data Sheet for full safety, health and transportation information.

Further Information

Global GreenTag GreenRate Level A Certificate

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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.

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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 4361 Parts 1 and 2 and Worksafe Australia guidelines.