

## Intergrain Natural Stain

NZDW1062

<b>Part A</b>	552-Line
<b>Approvals</b>	Environmental Choice Certified.

### Description

Intergrain NaturalStain is a high performance, semi transparent, water based stain used 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. NaturalStain delivers a vast range of timber colour options to cater for individual designs or to present treated pine as another timber species.

NaturalStain 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, NaturalStain is more durable and lasts longer than traditional oil based stains. NaturalStain is fast drying, enabling two coats to be applied in one day.

Note: The colour, species, age and condition of the timber to be stained will impact the final colour and finish of all semi-transparent stains. Because of this, the colours shown on NaturalStain colour chips and swatches are to be viewed as a close representation of the colour that can be achieved. NaturalStain colour names may not match other products with the same colour name. Always test on a small area or off-cut for colour suitability before use.

#### ENVIRONMENTALLY RESPONSIBLE

Being water based, NaturalStain emits significantly less VOC's (volatile organic compounds) into the atmosphere than traditional oil based finishes. This makes NaturalStain healthier to use and much gentler on the environment.

### Features

- Water Based
- Lightly pigmented
- Penetrating Stain
- Contains Water Repellent
- Weather Resistant

### Benefits





- Fast dry, easy clean up.
- Reveals and enhances grain.
- Minimises cracking, peeling, blistering.
- Reduces moisture penetration.
- Protects timber against U.V.

### Uses

Use INTERGRAIN NaturalStain on all exterior timber including decking, weatherboards, window frames, shutters, garage doors, garden furniture, walkways and fences. Also suitable for use on Hardiplank and similar cement based and composite timber cladding. Where the same appearance is desirable inside, Naturalstain is also appropriate for use on interior beams, window frames and skirting boards and can be overcoated with INTERGRAIN Ultraclear Interior Gloss or Satin. For hardwearing interior areas overcoat with INTERGRAIN Ultrafloor.

### Performance Guide

<b>Weather</b>	Formulated for exterior use	<b>Salt</b>	Good
<b>Heat Resistance</b>	Up to 70C. Higher temperature will cause film to soften	<b>Water</b>	Good water resistance
<b>Solvent</b>	Fair	<b>Abrasion</b>	Moderate resistance to abrasion
<b>Acid</b>	Fair	<b>Alkali</b>	Fair

Typical Properties																											
<b>Gloss Level</b>	Matt - Low Sheen	<b>Thinner</b>	Not required																								
<b>Colour</b>	Five factory packaged + tinted colours	<b>Components</b>	1																								
<b>Number Of Coats</b>	2 to 3	<b>Toxicity</b>	Lead free.																								
<b>V.O.C. Level</b>	< 85g/L	<b>Sanding Properties</b>	Good																								
<b>Touch Dry</b>	1 Hour																										
<b>Clean Up</b>	 Water																										
<b>Clean Up Description</b>	Thoroughly clean all equipment with water																										
<b>Application Method</b>	   Air Spray    Brush    Pad																										
<b>Application Conditions</b>	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;"><b>Solids By Volume</b></td> <td style="text-align: center;">32</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Min</b></td> <td style="text-align: center;"><b>Max</b></td> <td style="text-align: center;"><b>Recommended</b></td> </tr> <tr> <td style="text-align: right;">Wet Film Per Coat (microns)</td> <td></td> <td></td> <td style="text-align: center;">111</td> </tr> <tr> <td style="text-align: right;">Dry Film Per Coat (microns)</td> <td></td> <td></td> <td style="text-align: center;">35</td> </tr> <tr> <td style="text-align: right;">Recoat Time (min)</td> <td style="text-align: center;">2 Hours</td> <td style="text-align: center;">Indefinite</td> <td></td> </tr> <tr> <td style="text-align: right;">Theoretical Spread Rate (m<sup>2</sup>/L)</td> <td></td> <td></td> <td style="text-align: center;">9</td> </tr> </table>			<b>Solids By Volume</b>	32				<b>Min</b>	<b>Max</b>	<b>Recommended</b>	Wet Film Per Coat (microns)			111	Dry Film Per Coat (microns)			35	Recoat Time (min)	2 Hours	Indefinite		Theoretical Spread Rate (m <sup>2</sup> /L)			9
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Application Guide	
<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>NEW BARE TIMBER: Allow timber to weather for approximately 4-6 weeks until leaching of the tannins and oils has ceased. After this time, clean timber with Intergrain Reviva, closely following label instructions.</li> </ul> <p>PREVIOUSLY PAINTED, STAINED, OR OILED TIMBER All paints and coatings that seal the surface must be thoroughly removed back to bare timber. For previously oiled or stained coatings that do not seal the surface, clean timber with Intergrain Reviva, closely following label instructions.</p> <p>WEATHERED, GREY, OR MOULD AFFECTED TIMBER For best results, sand timber back to a fresh surface. Remove sanding dust, and clean timber with Intergrain Reviva, closely following label instructions.</p> <p>Clean all timber with Intergrain Reviva Timber Cleaner, closely following label instructions. Ensure surface is rinsed clean and allowed to thoroughly dry. Test if the surface is ready for coating by sprinkling water on the timber. If the water beads on the surface, repeat the application of Reviva. If the water is absorbed into the timber, it is ready for coating.</p> <p>Fill nail holes and surface defects with suitable timber putty after applying the first coat of NaturalStain.</p>
<b>Application Procedure And Equipment</b>	<ul style="list-style-type: none"> <li>Brush, Spray or Applicator Pad</li> <li>Note: Timber colour and species will influence the final appearance of semi-transparent stains. Test on a small area or off cut for colour suitability before use.</li> </ul> <p>Do not apply by roller. Stir thoroughly before and during use with a flat blade stirrer. Do not thin. If project requires more than one can of stain, mix cans together in one large container to achieve colour uniformity. Apply TWO coats of NaturalStain taking care to apply sufficient product to edges and end grain. THREE coats will be required in extreme conditions such as full sun exposure, around pools and in humid areas, and may be required on porous timbers. Apply with a quality synthetic or pure bristle brush, pad applicator or spray (HVLP or airless). If spraying, back brush immediately after each section is coated to ensure a uniform finish. Do not overspread or apply thinly as insufficient film thickness will result in lap marks, and compromise performance and durability. One coat is normally sufficient for interior timber. A second coat would only be required to achieve greater depth of colour and greater protection. For a gloss or satin finish, and added protection, overcoat with UltraClear Interior. When staining large areas, such as decking and weatherboards, stain no more than three boards at a time. Complete an entire length or continue until a natural break such as a window occurs. If necessary, sand lightly between coats to remove any raised grain.</p> <p>MAINTENANCE Conduct routine 12 monthly maintenance inspections. Best protection of the timber and ease of maintenance is ensured if NaturalStain is recoated before deterioration of the coating and timber underneath occurs. First indications of the need for recoating will be observed as patchiness or discolouration on edges and areas where insufficient product has been applied. If small areas of timber have weathered through to cause deterioration of the coating, clean area thoroughly with Intergrain Reviva, sand and recoat as for bare timber. For large weathered areas, remove existing NaturalStain coating back to bare timber. This can be done with power washing, or sanding. Coat as for bare timber. To recoat NaturalStain which is in good condition, simply clean the surface with Intergrain Reviva and apply one coat of NaturalStain.</p> <p>NaturalStain is also appropriate for use on interior exposed beams, window frames and skirting boards and can be overcoated with Intergrain UltraClear Interior Gloss or Satin. One coat is normally sufficient for interior timber. A second coat would only be required to achieve greater depth of colour and greater protection. For a Gloss or Satin finish for interior applications overcoat with UltraClear Interior. Note: UltraClear is not suitable for coating areas subject to foot traffic. For hardwearing interior areas overcoat with INTERGRAIN Ultrafloor.</p> <ul style="list-style-type: none"> <li>SPREADING RATES Rough Sawn Timber: 6-8 m<sup>2</sup>/L Sawn Timber: 8-10 m<sup>2</sup>/L Dressed Timber: 10-12 m<sup>2</sup>/L</li> </ul> <p>The first coat on porous or rough sawn timbers will penetrate further and require more stain than the second coat. Allow a minimum of 4 hours drying before coating with UltraClear</p>

Health And Safety			
<b>MSDS Number</b>	21353	<b>Using Safety Precautions</b>	Provide adequate ventilation. If using inside keep windows and doors open during use and while drying.
<b>MSDS Link</b>	<a href="http://msds.duluxgroup.com/pdf/shess-en-cds-020-00000021353.pdf">http://msds.duluxgroup.com/pdf/shess-en-cds-020-00000021353.pdf</a>		
<b>Health Effects</b>	FIRST AID: If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 0800 764 766.  SWALLOWED: Give plenty of water to drink. Seek medical advice.  EYE: Rinse with plenty of running water. Seek medical help if irritation occurs.	<b>Flammability</b>	This product is not flammable.
<b>Protective Equipment</b>	Wear eye protection, protective clothing and gloves, and if spraying, wear a respirator with a combined vapour/particulate cartridge.	<b>Storage</b>	Keep out of reach of children.
<b>Disposal</b>	Do not pour leftover product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well ventilated area to dry out. When dry, recycle the container via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council/Waste Management Authority first. In the case of emergency please call 0800 734 607		
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Precautions And Limitations
Do not apply product if temperature is below 10C or is likely to fall below 10C during the drying period. Only apply to new timber or to timber from which all previous finishes have been removed. Moisture content of timber should be close to equilibrium moisture content, usually 10-15%, but not exceeding 15%, for satisfactory staining.

Transport And Storage			
<b>Pack A</b>	552-Line	<b>Shipment Name</b>	Not dangerous goods. No special transport requirements
<b>Size</b>	10 Litres 4 Litres 1 Litre	<b>Weight</b>	10.3 Kg 4.1 Kg 1.0 Kg
<b>Flash Point</b>	NA	<b>UN Number</b>	NA
<b>Dangerous Goods Class</b>	NA	<b>Package Group</b>	NA

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