

NZIN00145 Intergrain Nature's Timber Oil on New Timber trim [Exterior]

Description

INTERGRAIN Nature's Timber Oil is a penetrating semi-transparent oil which nourishes and protects, while highlighting the natural grain and beauty of the timber.

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

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| • 1st Coat | Intergrain UltraPrep Timber Cleaner |
| • 2nd Coat | Intergrain Nature's Timber Oil |
| • 3rd Coat | Intergrain Nature's Timber Oil |

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 Nature's Timber Oil		
Coat Type 2nd Coat	Datasheet NZIN00013 Intergrain Nature's Timber Oil	
Read the full Datasheet details at Intergrain Nature's Timber Oil		
Application Methods		
<div><div> Brush</div><div> Pad</div></div>		
Min	Max	Recommended

Theoretical Spread Rate (m ² /L)			8.3
Wet Film Per Coat (microns)			120
Dry Film Per Coat (microns)			30
Recoat Time **	4 Hours		

V.O.C. Level < 375g/L	Meets ECNZ V.O.C. Requirements? Not Applicable
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Coating Application Details

Remove excess water from the surface and allow the timber to completely dry before coating. Stir thoroughly before and during use with a flat blade stirrer. Do not thin. If project requires more than one can of Nature's Timber Oil, mix all cans together in one large container to achieve colour uniformity.

Apply Nature's Timber Oil using a quality brush, lambswool applicator, or spray (air assisted airless or airless). Do not apply by roller. If spraying, back-brush immediately after each section is coated to ensure a uniform finish. Take care to apply sufficient product to edges and end grain. When coating large areas, such as decking and weatherboards, coat no more than three boards at a time. Complete an entire length or continue until a natural break such as a window occurs.

Wait four hours to dry and apply a second coat. If necessary, sand lightly between coats to remove any raised grain. Wait 30 minutes after the second coat is applied and wipe off excess surface oil. Ensure that excess is wiped before the coating gets tacky. IMPORTANT: COATING WILL NOT DRY AS PER DRYING TIME BELOW IF EXCESS OIL IS NOT WIPED OFF THE SURFACE BEFORE IT GETS TACKY.

Keep freshly coated contacting surfaces such as doors and windows ajar for several days if possible. Some tight closing windows may need sealing strips to prevent sticking.

Do not apply to hot surfaces or those in direct sunlight, as doing so may result in difficult application, poor adhesion and blistering.

Do not apply in temperatures above 35°C or below 10°C or if rain or dew is expected within four hours of application.

MAINTENANCE

Conduct a routine 12 monthly maintenance inspection.

When timber starts to show signs of dryness and loss of colour, clean timber with Intergrain UltraPrep Timber Cleaner and apply one coat of Nature's Timber Oil, wiping off the surface excess before it gets tacky.

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3rd Coat — Intergrain Nature's Timber Oil

Coat Type 3rd Coat	Datasheet NZIN00013 Intergrain Nature's Timber Oil
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Read the full Datasheet details at [Intergrain Nature's Timber Oil](#)

Application Methods



	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)			8.3
Wet Film Per Coat (microns)			120
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Recoat Time **	4 Hours		

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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. ** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.

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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.