AUIN00044 Intergrain Heavy Duty

Introduction

Part A
55294806

Description and Image

Intergrain Heavy Duty is a semi-transparent, high build, water based exterior timber finish. Heavy Duty is designed to protect timber with a tough, UV, water and mould resistant finish offering superior durability for harsh weather conditions and is available in a range of tinted colours.



Features and Benefits

- Longer lasting hard wearing formula
- Water based
- Available in a range of tinted colours

Uses

Decking, window frames, doors, outdoor furniture, vertical screens, cladding, and fences.
Do not use on reeded/grooved decks.

Precautions and Limitations

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.
Do not apply to hot surfaces or those in direct sunlight, as doing so will 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. Lightly dampening timber before painting will ease application in temperatures above 28°C.

Performance Guide

Weather
Exterior durable

Water	Abrasion
Good	**Good**

Typical Properties

Gloss Level
Low sheen

Components	Number of Coats
1	**3-4**

V.O.C. Level
<85g/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
42

	Min	Max	Recommended
Recoat Time (min/hours)	**4 hours**	**7 days**	
Theoretical Spread Rate (m²/L)	**8**	**14**	**12**

Typical Property Notes

Coverage

Rough Sawn Timber: 4 - 8 m2/L
Sawn Timber: 8 - 12 m2/L
Dressed Timber: 12 - 14 m2/L
Coverage rates are subject to variation between different timber species and timber porosity.

Recoat

4 hrs
All drying times are at 25°C and 50% humidity. In cold or humid conditions, which slow drying, allow overnight between coats.

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 Heavy Duty.

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 Intergain Heavy Duty
If your existing Intergrain Heavy Duty 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 Heavy Duty thoroughly before and during use with a flat blade stirrer.
Apply Intergrain Heavy Duty using the Intergrain DeckBrush™ (recommended), flat deck applicator, paint brush or spray (air assisted airless or airless). Do not use a roller. Do not thin product.

It is recommended to test in a small area to ensure satisfaction with the colour and finish prior to coating the whole project, ensure to apply 2–3 coats for the best indication of final colour.

Apply three coats of Intergrain Heavy Duty, taking care to apply sufficient product to edges and ends.
Four 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.

Allow 4 hours between coats. Apply at the correct application rate (see coverage). Do not overspread or apply thinly as insufficient film thickness will 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. If necessary, sand lightly between coats to remove any raised grain and remove sanding dust.

Maintenance
Conduct a routine 12 monthly maintenance inspection. Colour fade is the first sign of need to recoat.
To prevent water ingress and peeling, ensure Intergrain Heavy Duty is recoated before deterioration of the coating and timber underneath occurs.

Health and Safety

SDS Number	SDS Link
DLXGHSEN002515	**View SDS Link**

Using Safety Precautions

May cause an allergic skin reaction.

Keep out of reach of children. Read the label before opening or using. Avoid breathing mist, vapours or spray. Contaminated clothing should not be allowed out of the workplace. Wear protective clothing, gloves, eye/face protection and suitable respirator as required. Wash contaminated clothing before re-use. Store in a well-ventilated place and away from oxidising agents and foodstuffs. Do not empty into drains.

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

Transport and Storage

Pack A

55294806

Size:	Weight:
1L 4L 10L	**1.22kg 4.69kg 11.56kg**

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

Disclaimer

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

Any information provided in this Data Sheet 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 Data Sheet, 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 Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from www.duspecplus.com.au. Climatic conditions at application time can affect product suitability and 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 Data Sheet 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 4361 Parts 1 and 2 and Worksafe Australia guidelines.