AUIN00043 Intergrain UltraPrep Sealer & Primer

Introduction

Part A
55294805

Description and Image

Intergrain UltraPrep™ Sealer & Primer is a high performance sealer and primer formulated to be compatible with all Intergrain waterbased top coats. Intergrain UltraPrep Sealer & Primer seals bare and coated timber surfaces, locking in any previous water or oil based timber coating and allowing the application of any Intergrain water based coating over the top. Intergrain UltraPrep Sealer & Primer will also extend the life of any Intergrain water based top coat when applied underneath.



Features and Benefits

- Formulated with a bonding technology to bond to any previous coating
- May be used as a holding primer for up to 3 months
- Helps prolong the life of Intergrain water-based topcoat systems

Uses

Mass laminated timber, timber decking, window frames, doors, outdoor furniture, vertical screens, faced cladding, and fences.

Precautions and Limitations

Stir Intergrain UltraPrep Sealer & Primer thoroughly before and during use with a drill mixer or flat blade stirrer. Do not thin.

The final look of any semi-transparent topcoat will be impacted by the condition and colour of the existing coating. If the existing coating has deteriorated unevenly, it is recommended to remove all existing coating by using a coatings stripper or sanding back to bare timber. Then clean with Intergrain UltraPrep Timber Cleaner.
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.

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
Must be top coated within 3 months

Typical Properties

Components	Number of Coats
1	1-2

V.O.C. Level
<5g/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 **Roller** **Pad** **Spray**

Application Conditions

Solids by Volume: 20

	Min	Max	Recommended
Wet Film Per Coat (microns)	102		
Dry Film Per Coat (microns)	20		
Recoat Time (min/hours)	4 hours	3 months	
Theoretical Spread Rate (m²/L)	10.00		

Typical Property Notes

Coverage

Rough Sawn Timber: Approximately 2 – 5 m2/L
Sawn Timber: Approximately 5 – 7 m2/L
Dressed Timber: Approximately 7 – 10 m2/L
Coverage rates are subject to variation between different timber species and timber porosity.

Topcoat

4 hours minimum
All drying times are at 25°C and 50% humidity. In cold or humid conditions, which slow drying, allow overnight between coats.
3 months maxium
Intergrain UltraPrep Sealer & Primer can be left without top coating for a maximum period of 3 months. If this time period is to be exceeded, clean as outlined and reapply Intergrain UltraPrep Sealer & Primer until topcoats are applied.

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.

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 following pack directions.

Coating over an exisiting coating
Note: Existing coating must be at least 30 days old.
If previoulsy oiled with a "locked" oil system or the composition of the existing system is unknown, treat surface with Intergrain UltraPrep Tannin & Oil Remover following the application and rinsing instructions, then final clean the surface with Intergrain UltraPrep Timber Cleaner. Following the dilution, application and rinsing instructions
Important: The final look of any semi-transparent topcoat will be impacted by the condition and colour of the existing coating. If the existing coating has deteriorated unevenly, it is recommended to remove all existing coating by using a coatings stripper or sanding back to bare timber prior to cleaning with Intergrain UltraPrep Timber Cleaner.

New timber
Factory pre-oiled timber:
Determine whether the new timber has been factory pre-oiled. Feast Watson Industrial Timber Oil or Intergrain Universal Timber Oil are unlocked factory applied penetrating oils. The application of Intergrain UltraPrep Sealer & Primer will prolong durability of the topcoat without the need to remove tannins and oils and may only require light cleaning prior to Sealer & Primer application. For heavily soiled timber, clean with Intergrain UltraPrep Timber Cleaner following the dilution, cleaning and rinsing instructions.

If the origin or supply of the pre-oiled timber is unknown, clean first following the directions using Intergrain UltraPrep Tannin & Oil Remover. Then clean with Intergrain UltraPrep Timber Cleaner.

New, uncoated or raw timber
Tannin rich timbers such as Merbau, Kwila, Spotted Gum and Jarrah should be treated with Intergrain Tannin and Oil Remover followed by Intergrain UltraPrep Timber Cleaner first.

Lightly soiled raw timber:
A light wipe down with a clean damp cloth will be suitable
Heavily soiled raw timber:
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.

New, raw feature timber such as doors and windows
Sand timber to a uniform, smooth surface. Ensure timber is dry and free from all dirt, dust, wax and oils. Note: Do not use steel wool on timber as severe staining will occur.

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

Application Procedure and Equipment

Remove excess water from the surface and allow the raw timber to dry for at least 1 hour before coating. If coating over an existing coating, surface must be completely dry prior to top coating.
Stir Intergrain UltraPrep Sealer & Primer thoroughly before and during use with a flat blade stirrer. Do not thin.

Apply at the correct application rate (see coverage). 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 or applying by roller, it is recommended to back brush to even out the finish and avoid spotting.
Allow to dry for at least 4 hours before applying any Intergrain water based topcoat.

Maintenance
Apply Intergrain UltraPrep Sealer & Primer every 3 months until a topcoat is applied over the top.

Health and Safety	
SDS Number **DLXGHSEN002516**	SDS Link **View SDS Link**
Using Safety Precautions Avoid contact with skin and eyes. Avoid breathing dust, fume, gas, mist, vapour or spray. Wear overalls, safety shoes, impervious gloves and safety glasses. Use only in well ventilated areas. Wash hands after use. Keep containers closed when not in use.	
Please refer to SDS Link. In case of emergency, please call 1800 220 770.	

Transport and Storage	
Pack A **55294805**	
Size: **1L 4L 10L**	Weight: **1.16kg 4.48kg 11.04kg**
Please refer to the Safety Data Sheet for full safety, health and transportation information.	

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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.

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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.