

## NZIN00183 Intergrain Ultrafloor Satin

### Introduction

Part A  
521 94984

### Description and Image

**Intergrain UltraFloor** is an extra tough, water based polyurethane timber flooring finish. UltraFloor has commercial strength resistance to abrasion, water, alcohol and most household chemicals. Available in both gloss and satin, UltraFloor has a low odour and is fast drying, enabling floors to be finished within one day. Being water based, UltraFloor preserves the natural colour of timber and unlike oil based finishes, will not darken or yellow.

**Environmentally responsible:**

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

### Features and Benefits

- Water based.
- Polyurethane.
- Non-yellowing.
- Preserves the natural colour of timber.
- Extra tough.

### Uses





Use on all interior timber flooring and cork flooring. Also suitable for other high-wear interior timber surfaces such as benchtops and tables.

### Precautions and Limitations

Do not apply in temperatures above 35°C or below 10°C.

### Performance Guide

Weather <b>Interior only.</b>	Salt <b>Good.</b>
Heat Resistance <b>Up to 100C. Higher temperatures will cause film to soften. Use protective mats where required.</b>	Water <b>Good for splashes and spillage.</b>
Solvent <b>Good for weak solution.</b>	Abrasion <b>Excellent.</b>
Acid <b>Good for weak solution.</b>	Alkali <b>Good for weak solution.</b>

Typical Properties			
Gloss Level <b>Satin</b>			
Colour <b>Clear</b>			
Components <b>1</b>		Number of Coats <b>3</b>	
Toxicity <b>Lead free</b>		V.O.C. Level <b>&lt; 75g/L</b>	
Meets ECNZ V.O.C. Requirements? <b>Yes</b> 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.			
Touch Dry <b>2 hours</b>			
Clean Up  <b>Water</b>			
Application Methods  <b>Brush</b>  <b>Roller</b>  <b>Pad</b>			
Application Conditions		Solids by Volume	
		<input type="text" value="29"/>	
		Min	Max
Recoat Time (min/hours)	<input type="text" value="4 hours"/>	<input type="text"/>	<input type="text" value="Recommended"/>
Theoretical Spread Rate (m <sup>2</sup> /L)	<input type="text" value="10"/>	<input type="text" value="12"/>	<input type="text"/>
Typical Property Notes <b>Coverage</b> 10-12 square metres per litre depending on the porosity of the timber.  <b>Drying time</b> All drying times are at 25°C and 50% humidity. <b>Touch Dry:</b> 2 hours. <b>Recoat:</b> Allow a minimum of 4 hours drying between coats. Cold or humid conditions will require longer. Floors will take light foot traffic after 12 hours, and normal foot traffic after 72 hours. Full curing 7 days.  Drying times will be longer in conditions cooler than 25°C or more humid than 50% humidity.  When applied to specification and maintained the full system delivers an impervious and easily cleaned surface over correctly installed tongue and groove solid timber floors, including H3.1 plywood, or wet area designed timber overlays. 'Impervious' is defined as "That which does not allow the passage of moisture" as per E3/AS1.			

## Application Guide

### Surface Preparation

#### New bare timber

Sand timber to an even, smooth surface. Clean oily timbers such as Brushbox, Spotted Gum, Cypress and Tallowwood with methylated spirits and allow to dry. Prepare cork in accordance with cork manufacturer's specifications.

#### Previously finished surfaces

Remove any polishes with an appropriate floor stripper. Wash the surface using Cabot's® Floor Clean™ and allow to dry. Sand to a uniform dull finish. Vacuum and wipe off dust. Check for adhesion by applying UltraFloor to a small test area. Allow to dry for 24 hours then firmly press a strip of sticky tape over the coating and rip off quickly. If the coating is removed, sand the full surface back to bare timber. If the coating is not removed, sand the test area back to the dull finish. Note: If patches of the previous coating have worn back to expose bare timber, the full floor must be sanded back to bare timber.

Nail holes and surface defects should be filled with Intergrain Woodblend™ Wood Filler after the first coat of UltraFloor. Do not use Linseed Oil putty.

Ensure the surface is dry and free from dust, dirt, wax, polish and oil.

### Application Procedure and Equipment

Stir thoroughly before and during use with a flat blade stirrer. Do not thin.

For a slip resistant surface on stairs and ramps, add Intergrain UltraGrip™ into each coat of UltraFloor Satin. Note: UltraGrip should only be added to UltraFloor Satin as the grip texture will dull a Gloss finish.

Cut in around edges with a narrow brush or applicator.

Apply an even, generous coat with a lambswool applicator, short nap roller or quality long bristle brush. Work along the complete length of three to four boards at a time, keeping a wet edge to prevent lapping or join marks. Lay off lightly in the direction of the grain.

Do not overwork the coating as this will result in a patchy, uneven finish.

Allow a minimum of four hours to dry. Sand lightly with a fine grit paper to remove any raised grain. Vacuum to remove sanding dust.

Apply two more coats as above, sanding lightly between coats. More coats may be applied if desired.

#### Maintenance

Regularly clean floors with Cabot's Floor Clean.

Surfaces should be recoated before UltraFloor has worn away to expose bare timber.

Clean to remove any waxes or polishes. When dry, sand to a uniform dull surface and wipe away dust. Apply one to two coats following application instructions.

If patches of floor have been worn back to bare timber, the coating must be fully removed by sanding and the surface prepared as per instructions for previously finished surfaces.

#### Slip resistant finish

A slip resistant finish can be obtained by applying one of the following applicable systems:

Tested to AS 4586:2013 Slip resistance classification of new pedestrian surface materials.

#### To achieve a WET Pendulum rating of P4 (SRV Slip Resistance Value - 45-54)

1 coat Intergrain UltraFloor Satin.

1 coat Intergrain UltraFloor Satin, with 5% Intergrain UltraGrip added.

1 coat Intergrain UltraFloor Satin.

#### To achieve a WET Pendulum rating of P5 (SRV Slip Resistance Value - >54)

1 coat Intergrain UltraFloor Satin.

2 coats Intergrain UltraFloor Satin, with 5% Intergrain UltraGrip added to each coat.

#### Intergrain UltraGrip must be added at a rate of 5%. That is:

200g of UltraGrip for 4L of coating

500g of UltraGrip for 10L of coating

When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal.

When using UltraGrip, do not sand the coat that contains the UltraGrip.

When using UltraGrip with Intergrain UltraFloor, decant UltraFloor into another clean container before adding the UltraGrip. While stirring, add UltraGrip slowly to avoid generating dust. Stir in UltraGrip thoroughly with a flat blade stirrer or drill mixer until fully mixed in and lump-free.

Stir regularly during use.

#### Maintaining a slip resistant finish

In order to maintain a slip resistant finish, the floor must be recoated as the slip resistance decreases due to wear.

#### When recoating is required

Clean the surface with Cabot's Floorclean, following label instructions.

Allow the floor to fully dry.

Lightly sand the existing coating.

Remove all sanding dust.

Apply 1 coat of Intergrain UltraFloor Satin with 5% Intergrain UltraGrip added. Follow label instructions.

Allow to dry.  
Apply 1 coat of Intergrain UltraFloor Satin. Follow label instructions.

**Health and Safety**

SDS Number <b>DLXNZ7EN002698</b>	SDS Link <a href="#">View SDS Link</a>
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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 0800 220 770.**

**Transport and Storage**

Line Shade/Pack A <b>521 94984</b>
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Size: <input type="text" value="1L 4L 10L"/>	Weight: <input type="text" value="1.3kg 4.6kg 11.2kg"/>
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**Please refer to the Safety Data Sheet for full safety, health and transportation information.**

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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.