

NZIN00132 Intergrain Ultraclear Interior Satin on New Timber trim [Interior]

Description

Intergrain Ultraclear Satin is a tough, fast drying, clear, water borne acrylic finish for use on interior timber surfaces. Ultraclear incorporates UV absorbers to provide greater protection against the yellowing and darkening of timber that is commonly encountered with traditional oil based polyurethanes and varnishes. Ultraclear has a low odour, easy to apply and quick drying allowing several coats to be applied in one day.

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

Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants.

Clean surface

Scrape off and remove surface contaminants by paint scraper. Remove stains, dirt, wax, grease and oil with solvent. Treat mould with a suitable mould treatment.

Repair surface imperfections

Fill nail holes, cracks and other defects with a suitable water based wood filler and allow to dry thoroughly.



Sand surface

Sand the surface smooth using 180 - 240 grit sandpaper. Sand only in the direction of the grain. Round off all sharp edges to a minimum of 2 mm radius in order to achieve an even film build and uniform paint coverage. Remove all traces of sanding dust.

Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 10-14% before staining or finishing can commence.

Coating System Summary

- | | |
|------------|--------------------------------------|
| • 1st Coat | Intergrain Ultraclear Interior Satin |
| • 2nd Coat | Intergrain Ultraclear Interior Satin |
| • 3rd Coat | Intergrain Ultraclear Interior Satin |

Coating System			
1st Coat — Intergrain Ultraclear Interior Satin			
Coat Type 1st Coat	Datasheet NZIN00060 Intergrain Ultraclear Interior Satin		
Read the full Datasheet details at Intergrain Ultraclear Interior Satin			
Application Methods			
<div>  Air Spray  Brush </div>			
	Min	Max	Recommended
Theoretical Spread Rate (m²/L)	<input type="text"/>	<input type="text"/>	13
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	78
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	21
Recoat Time **	3 Hours	<input type="text"/>	<input type="text"/>
V.O.C. Level < 15g/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.	
Coating Application Details Do not apply by roller. Stir thoroughly before and during use with a flat blade stirrer. Do not shake or thin. If project requires more than one can of tinted UltraClear Interior, mix all cans together in one large container to ensure colour uniformity. Apply a minimum of two generous coats of UltraClear Interior with a quality synthetic or pure bristle brush or by spray (air assisted or airless). Take care to apply sufficient product to edges and end grain. Maintain a wet edge to avoid lap marks and an uneven finish. When applying by brush, lay off in the direction of the grain. To aid application, soak the brush in water and remove surplus before loading with UltraClear Interior. Do not overwork as this can result in poor appearance. When spraying ensure adequate film build is applied to achieve maximum durability. It is normal for UltraClear Interior to have a milky appearance when first applied, this disappears on drying. Allow a minimum of three hours drying between coats. Sand lightly with fine grit sandpaper to remove any raised grain. If coating large surfaces in warm conditions, wash the brush out at regular intervals to allow smooth application. If using tinted UltraClear Interior, the colour will become deeper with each application. If desired colour is achieved after one coat, apply untinted UltraClear Interior to complete the required number of coats. MAINTENANCE Clean using water and a non-abrasive household detergent. To ensure minimum preparation when recoating, surfaces should be recoated before UltraClear Interior has worn away to expose bare timber. Clean to remove any waxes or polishes. When dry, sand to a uniform surface and wipe away dust. Apply one to two coats following application instructions. Where UltraClear Interior has worn away to expose bare timber it must be thoroughly removed and the surface prepared as per instructions for new timber. A combination of Liquid 8 Timber Stripper* and sanding is recommended.			
SDS Number 21753		SDS Link	
2nd Coat — Intergrain Ultraclear Interior Satin			
Coat Type 2nd Coat	Datasheet NZIN00060 Intergrain Ultraclear Interior Satin		
Read the full Datasheet details at Intergrain Ultraclear Interior Satin			

Application Methods



Air Spray



Brush

	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	<input type="text"/>	<input type="text"/>	13
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	78
Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	21
Recoat Time **	3 Hours	<input type="text"/>	<input type="text"/>

V.O.C. Level
< 15g/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.

Coating Application Details

Do not apply by roller.

Stir thoroughly before and during use with a flat blade stirrer. Do not shake or thin. If project requires more than one can of tinted UltraClear Interior, mix all cans together in one large container to ensure colour uniformity.

Apply a minimum of two generous coats of UltraClear Interior with a quality synthetic or pure bristle brush or by spray (air assisted or airless). Take care to apply sufficient product to edges and end grain. Maintain a wet edge to avoid lap marks and an uneven finish. When applying by brush, lay off in the direction of the grain. To aid application, soak the brush in water and remove surplus before loading with UltraClear Interior. Do not overwork as this can result in poor appearance. When spraying ensure adequate film build is applied to achieve maximum durability. It is normal for UltraClear Interior to have a milky appearance when first applied, this disappears on drying.

Allow a minimum of three hours drying between coats. Sand lightly with fine grit sandpaper to remove any raised grain.

If coating large surfaces in warm conditions, wash the brush out at regular intervals to allow smooth application.

If using tinted UltraClear Interior, the colour will become deeper with each application. If desired colour is achieved after one coat, apply untinted UltraClear Interior to complete the required number of coats.

MAINTENANCE

Clean using water and a non-abrasive household detergent.

To ensure minimum preparation when recoating, surfaces should be recoated before UltraClear Interior has worn away to expose bare timber. Clean to remove any waxes or polishes. When dry, sand to a uniform surface and wipe away dust. Apply one to two coats following application instructions.

Where UltraClear Interior has worn away to expose bare timber it must be thoroughly removed and the surface prepared as per instructions for new timber. A combination of Liquid 8 Timber Stripper* and sanding is recommended.

SDS Number
21753

SDS Link

3rd Coat — Intergrain Ultraclear Interior Satin

Coat Type
3rd Coat

Datasheet
NZIN00060 Intergrain Ultraclear Interior Satin

Read the full Datasheet details at [Intergrain Ultraclear Interior Satin](#)

Application Methods



Air Spray



Brush

	Min	Max	Recommended
Theoretical Spread Rate (m ² /L)	<input type="text"/>	<input type="text"/>	13
Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	78

Dry Film Per Coat (microns)			21
Recoat Time **	3 Hours		
V.O.C. Level < 15g/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.		
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SDS Number 21753	SDS Link		
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.

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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/ NZS 4361 Parts 1 and 2 and Worksafe Australia or New Zealand guidelines.