NZIN00069 Intergrain Ultrafloor Gloss on Painted Timber trim [Interior]

Description

Intergrain UltraFloor is a commercial strength, extra tough, clear, water based clear timber floor finish. UltraFloor has a low odour and is fast drying, enabling floors to be finished within one day. UltraFloor preserves the natural colour of the timber and, unlike oil based finishes, will not darken or yellow. Ultrafloor has a low odour and is fast drying enabling floors to be finished within one day. UltraFloor is easy to apply and has excellent resistance to abrasion, water, alcohol and most household chemicals.

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
Inspect to determine the degree of deterioration of existing coatings and presence of decayed timber. Check coating adhesion using the cross-hatch adhesion test; if coating fails, it must be removed.

Clean surface
Clean to remove all dirt, dust, wax and all other surface contaminants using a suitable cleaning agent and rinse off with clean water. Treat mould with a suitable mould treatment.

Repair surface imperfections
Remove paint that is poorly adhering, or showing signs of deterioration such as cracking, peeling or flaking by sanding, power sanding, scraping, wire brushing or a water based paint stripper strictly in accordance with the manufacturer's instructions.

Feather edges of any remaining sound paint to completely remove visual ridges and wash or dust off to remove debris. Fill nail holes, cracks and other defects with a suitable water based wood filler and allow to dry thoroughly. Any major design faults or decayed timber leading to structural weakness must be corrected prior to repainting.

Sand surface
Sand the entire cleaned surface to an even flat gloss level to provide a smooth, uniform surface and to provide a good key for the new coating system.

Prime
Spot prime bare timber with the spot primer nominated in the Coating System.

Note: If Staining: Timber must be sanded back to clean bare timber. All coatings must be removed.

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

- Spot Primer — Intergrain Ultrafloor Gloss
- 1st Coat — Intergrain Ultrafloor Gloss
- 2nd Coat — Intergrain Ultrafloor Gloss

Coating System

Spot Primer — Intergrain Ultrafloor Gloss

Coat Type	Datasheet
Spot Primer	**NZIN00017 Intergrain Ultrafloor Gloss**

Read the full Datasheet details at Intergrain Ultrafloor Gloss

Application Methods

Brush **Roller** **Pad**

	Min	Max	Recommended
Theoretical Spread Rate (m²/L)			**11**
Wet Film Per Coat (microns)			**91**
Dry Film Per Coat (microns)			**27**
Recoat Time **	**4 hours**	**Indefinite**	

V.O.C. Level
< 75g/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

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

To achieve a WET Pendulum rating of P5
1 coat Intergrain UltraFloor Gloss.
2 coats Intergrain UltraFloor Gloss, with 5% Intergrain UltraGrip added to each coat.

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

When using UltraGrip, do not sand between coats.
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.

SDS Number	SDS Link
21682	**View SDS Link**

1st Coat — Intergrain Ultrafloor Gloss

Coat Type	Datasheet
1st Coat	**NZIN00017 Intergrain Ultrafloor Gloss**

Read the full Datasheet details at Intergrain Ultrafloor Gloss

Application Methods

Brush **Roller** **Pad**

	Min	Max	Recommended
Theoretical Spread Rate (m²/L)			**11**
Wet Film Per Coat (microns)			**91**
Dry Film Per Coat (microns)			**27**
Recoat Time **	**4 hours**	**Indefinite**	

V.O.C. Level
< 75g/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
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.
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1 coat Intergrain UltraFloor Gloss.

To achieve a WET Pendulum rating of P5
1 coat Intergrain UltraFloor Gloss.
2 coats Intergrain UltraFloor Gloss, with 5% Intergrain UltraGrip added to each coat.

When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal.
When using UltraGrip, do not sand between coats.
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.

SDS Number	SDS Link
21682	**View SDS Link**

2nd Coat — Intergrain Ultrafloor Gloss

Coat Type	Datasheet
2nd Coat	**NZIN00017 Intergrain Ultrafloor Gloss**

Read the full Datasheet details at Intergrain Ultrafloor Gloss

Application Methods

Brush **Roller** **Pad**

	Min	Max	Recommended
Theoretical Spread Rate (m²/L)			**11**
Wet Film Per Coat (microns)			**91**
Dry Film Per Coat (microns)			**27**
Recoat Time **	**4 hours**	**Indefinite**	

V.O.C. Level
< 75g/L

Meets ECNZ V.O.C. Requirements?
Yes
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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
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1 coat Intergrain UltraFloor Gloss.

To achieve a WET Pendulum rating of P5
1 coat Intergrain UltraFloor Gloss.
2 coats Intergrain UltraFloor Gloss, with 5% Intergrain UltraGrip added to each coat.

When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal.
When using UltraGrip, do not sand between coats.
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.

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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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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.