

NZIN00007 Intergrain Ultraclear Exterior Satin

Introduction

Part A
552 94982

Description and Image

Intergrain UltraClear Exterior is a tough, clear, marine grade water based timber finish for use on window frames, doors and trims. Incorporating UV absorbers, UltraClear Exterior provides superior protection against the weather including the harmful effects of the sun's UV radiation. Available in gloss and satin, UltraClear Exterior has a low odour and unlike oil based coatings will not yellow. Easy to apply and fast drying, UltraClear Exterior allows for several coats to be applied in one day. UltraClear Exterior may be applied over Intergrain NaturalStain™ to give a gloss or satin finish. Note: UltraClear Exterior is not suitable for coating areas subject to foot traffic. The UV absorber system in UltraClear Exterior will impart a subtle transparent brown tint.

Environmentally responsible

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



Features and Benefits

- Waterbased
- Non yellowing
- Marine grade
- Low odour
- Environmentally friendly
- Retains the natural colour of timber
- Tough and durable
- Ideal for occupied buildings

Uses

On exterior timber doors, window frames, trims and eaves. UltraClear Exterior can also be used on the inside of exterior doors and window frames.

Note UltraClear Exterior is not suitable for areas subject to foot traffic (such as decks and walkways) or broadwall. For these areas use Intergrain UltraDeck® Timber Oil or Intergrain UltraDeck® Timber Stain.





Precautions and Limitations

Do not apply to hot surfaces or those in direct sunlight, as doing so may result in difficult application.

Do not apply in temperatures above 35°C, 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 Excellent.	Salt Unaffected by splash and spillage.
Heat Resistance Up to 70 degrees Celsius. Higher temperatures will cause film to soften.	Water Good water resistance.
Solvent Fair	Abrasion Not suitable for heavy wear surfaces such as decks and walkways.
Acid Fair	Alkali Fair

Typical Properties																					
Gloss Level 25-35% at 60 degrees	Heat Thinner Water																				
Colour Subtle transparent brown tint																					
Components 1	Number of Coats 3 minimum																				
Toxicity Lead free. Dry film is non toxic	V.O.C. Level <65g/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.																					
Touch Dry 1 hour																					
Clean Up  Water																					
Application Methods  Brush  Pad  Spray																					
Application Conditions	Solids by Volume <input type="text" value="37"/> <table border="1"> <thead> <tr> <th></th> <th>Min</th> <th>Max</th> <th>Recommended</th> </tr> </thead> <tbody> <tr> <td>Wet Film Per Coat (microns)</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="91"/></td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="34"/></td> </tr> <tr> <td>Recoat Time (min/hours)</td> <td><input type="text" value="4 hours"/></td> <td><input type="text" value="7 days"/></td> <td><input type="text"/></td> </tr> <tr> <td>Theoretical Spread Rate (m²/L)</td> <td><input type="text"/></td> <td><input type="text"/></td> <td><input type="text" value="11"/></td> </tr> </tbody> </table>		Min	Max	Recommended	Wet Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<input type="text" value="91"/>	Dry Film Per Coat (microns)	<input type="text"/>	<input type="text"/>	<input type="text" value="34"/>	Recoat Time (min/hours)	<input type="text" value="4 hours"/>	<input type="text" value="7 days"/>	<input type="text"/>	Theoretical Spread Rate (m ² /L)	<input type="text"/>	<input type="text"/>	<input type="text" value="11"/>
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Typical Property Notes Coverage																					

10-12 square metres per litre depending on the porosity of the timber.

Drying and re-coat time

All drying times are at 25°C and 50% humidity. Drying times will be longer in conditions cooler than 25°C or more humid than 50% humidity.

Touch Dry

1 hour.

Re-coat

Allow minimum 4 hours drying and a maximum 7 days between coats.

In cold or humid conditions, which slow drying, allow overnight drying between coats.

Full curing 7 days.

Application Guide**Surface Preparation****New bare timber**

Sand timber to a uniform, smooth surface. Ensure the timber is dry and free from all dirt, dust, wax and oils. Clean oily timbers, such as Brushbox, Spotted Gum, Cypress or Tallowwood with methylated spirits and allow to dry.

Note: Do not use steel wool on timber to be coated with UltraClear Exterior as severe staining will occur.

Previously painted, stained, oiled or varnished timber

All paints and coatings that seal the surface must be thoroughly removed back to bare timber. To remove coating sand, or use a combination of Intergrain Liquid 8™ Timber Stripper* and sanding.

Weathered, grey or mouldy timber

Sand timber back to a fresh surface, and remove sanding dust. Note: The rounding of sharp edges with sandpaper is highly recommended to maintain coating film thickness.

All composites & bamboo substrates

Sand, remove sanding dust, then check for adhesion by applying UltraClear Exterior to a test area, approximately 250mm x 250mm. Allow to dry for twelve hours then firmly press a strip of sticky tape over the coated section and rip off quickly. If the coating is removed do not proceed as the surface is not suitable.

In humid, tropical or mould susceptible areas timber should be treated with Intergrain UltraPrep™ Mould Killer.

Nail holes and surface defects should be filled with Intergrain Woodblend™ Wood Filler.

Application Procedure and Equipment

Do not apply with a roller.

Stir thoroughly before and during use with a flat blade stirrer.

Apply three coats of UltraClear Exterior with a quality synthetic or pure bristle brush, pad applicator or spray (air assisted airless or airless). Four or more coats will be required in extreme conditions such as full sun exposure, marine environments and in humid areas, and may be required on porous timbers. When applied at the correct application rate (see coverage) the coating will have a milky appearance which becomes transparent on drying. Do not brush out until transparent, over brush or apply thinly, as insufficient film thickness will compromise performance and durability.

If spraying, back brush after each section is coated to ensure a uniform finish.

Apply along the length of the board including exposed edges and end grain.

If necessary, sand lightly between coats to remove any raised grain.

Keep freshly coated contacting surfaces such as doors and windows ajar for several days if possible. Some tight closing windows may need sealing strips to prevent sticking.

Do not apply to hot surfaces or those in direct sunlight, as doing so may result in difficult application.

Do not apply in temperatures above 35°C, 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.

Staining

If timber is to be stained, prepare timber as per surface preparation above. Then coat with Intergrain UltraDeck Timber Stain as per the UltraDeck Timber Stain label application instructions.

Maintenance

Conduct a routine 12 monthly maintenance inspection. Note: For marine environments conduct a 3 monthly maintenance inspection. Best protection of the timber and ease of maintenance is ensured if UltraClear Exterior is recoated before deterioration of the coating and timber underneath occurs.
 First indication of the need for re-coating will be observed as patchiness or thinning of the surface coating on edges and areas where insufficient product has been applied.
 If small areas of timber have weathered through to cause deterioration of the coating, sand affected areas back to bare timber, remove sanding dust and re-coat.
 For large weathered areas remove UltraClear Exterior by sanding, or use a combination of Liquid 8 Timber Stripper and sanding.
 To re-coat UltraClear Exterior which is in good condition, lightly sand, remove sanding dust and apply one coat of UltraClear Exterior.

Health and Safety

SDS Number DLXGHSEN001604	SDS Link View SDS Link
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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
552 94982

Size:	Weight:
1L 4L 10L	1.22Kg 4.69Kg 11.58Kg

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

Disclaimer

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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.