

**Intergrain Ultraclear Interior Gloss on New Timber [Interior]**

**AUSW3925**

Description
<p>Intergrain UltraClear Interior is a tough, clear, water based acrylic finish for use on interior timber. Incorporating UV absorbers, UltraClear Interior provides greater protection against the colour change of timbers by shielding against the UV rays. UltraClear Interior resists abrasion, water and most household chemicals, is low odour and unlike oil based coatings will not yellow. Easy to apply and fast drying UltraClear Interior allows for several coats to be applied in one day. Available in gloss and satin, UltraClear Interior may be tinted to a selection of colours.</p>

**Substrate And Substrate Preparation**

Substrate Notes:	SUBSTRATE DESCRIPTION
	<p><b>NEW TIMBER</b> New timber items 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 and also for other defects such as sap and tannin stains, and resin exudation from knots. Examine surfaces for wax or preservatives. Moisture content should be close to equilibrium moisture content, usually 10-17% for satisfactory staining or coating. Timber should stored out of the weather before painting. Timber left exposed to the weather for as little as one month prior to painting will suffer from reduced paint adhesion and durability.</p> <p><b>AGED TIMBER</b> Old timber surfaces should be inspected for dry rot, mould or fungus, excessive water content, grey and weathered timber, grain cracking, resins, stains, old unsound paint, dirt and any surface contamination. These defects should be rectified prior to painting.</p> <p><b>TANNIN RICH TIMBER</b> Tannins are water-soluble extractives present in some timbers such as meranti, merbau, kwila, western red cedar and tallowwood. These tannins are leached out by water or moisture and can cause staining of surrounding areas. They are seen as dark coloured stains either under or within a coating. Tannin staining is most obvious in light coloured coatings, such as whites. Darker and wood-toned colours hide the tannin stains best. When using light colours on tannin rich timbers, an appropriate primer should be used to seal the tannins in the wood. These products are manufactured as smooth sheets consisting of wood fibres bound with either natural lignin or a small percentage of phenolic resin. Hardboard is widely used as interior panelling but is vulnerable to moisture and therefore not suitable for exterior exposure or in high condensation conditions. Repairing damaged hardboard is not generally practicable and it is advisable to completely replace any damaged sections. These products are manufactured from timber fibre bound with thermosetting phenol formaldehyde resin. They contain wax which may inhibit the drying of solvent based alkyd enamels and tannins which may bleed through water based coatings. As manufactured the smooth surfaces provide an ideal surface for finishing but machined edges are more porous and may show fibre raising when primed.</p>
<b>Substrate Preparation Notes:</b>	<p><b>ASSESS SUITABILITY</b> Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 10-17% before staining or finishing can commence.</p> <p><b>REMOVE SURFACE CONTAMINANTS</b> Examine the surface for the presence of sap, grease, oil, wax, tannin, building marks, or other contaminants. Scrape off and remove residual contaminants by solvent cleaning. Use scraper to remove dirt and mortar splashes. Any greyed wood fibres on aged timbers need to be removed by sanding and / or suitable chemical wood cleaner. <b>CLEAN</b> Clean to remove all dirt, dust and all other surface contaminants by using a suitable cleaning agent and rinse off with clean water. Treat mould with a suitable mould treatment.</p> <p><b>REPAIR SURFACE IMPERFECTIONS</b> Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly.</p> <p><b>SANDING</b> Sand dressed timber with fine sandpaper in direction of the grain and along the full length of the board. Round off all sharp edges to a minimum of 2 mm radius in order to achieve an even film build and uniform paint coverage.</p>

**Coating System Summary**

<b>1st Coat:</b>	AUDW0761: Intergrain Ultraclear Interior Gloss
<b>2nd Coat:</b>	AUDW0761: Intergrain Ultraclear Interior Gloss
Please refer to the coating system details below	

Coating System			
<b>Coat Type:</b>	1st Coat	<b>Datasheet:</b>	AUDW0761 Intergrain Ultraclear Interior Gloss
<b>Application Methods:</b>	    Air Spray   Airless Spray   Brush   Pad		
	<b>Theoretical Spread Rate *</b> <b>Dry Film Per Coat (microns)</b> <b>Recoat Time **</b>	<b>Min</b> 12 22.5 3 Hours	<b>Max</b> 14 19.3 Indefinite
<b>Coating Application Details:</b>	<p>Do not apply by roller.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Allow a minimum of three hours drying between coats. Sand lightly with fine grit sandpaper to remove any raised grain.</p> <p>If coating large surfaces in warm conditions, wash the brush out at regular intervals to allow smooth application.</p> <p>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.</p> <p><b>MAINTENANCE</b></p> <p>Clean using water and a non-abrasive household detergent.</p> <p>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.</p> <p>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.</p>		
<b>Additional Coating Details:</b>	Sand lightly with fine grit sandpaper to remove any raised grain.		
<b>Coat Type:</b>	2nd Coat	<b>Datasheet:</b>	AUDW0761 Intergrain Ultraclear Interior Gloss
<b>Application Methods:</b>	    Air Spray   Airless Spray   Brush   Pad		
	<b>Theoretical Spread Rate *</b> <b>Dry Film Per Coat (microns)</b> <b>Recoat Time **</b>	<b>Min</b> 12 22.5 3 Hours	<b>Max</b> 14 19.3 Indefinite
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<b>Additional Coating Details:</b>	Apply a minimum of TWO generous coats of UltraClear Interior.		

#### Comments

- Do not apply paint if Relative Humidity is above 85% or temperature is within 3°C of Dew Point.  
Do not apply if the surface temperature is greater than 40°C or below 10°C, or likely to fall below 10°C during the application or drying period.
- Dry times apply to a single coat at recommended spread rate at 25C and 50% Relative Humidity. Allow longer times under cool, moist or still conditions.
- Practical spreading rates will vary from quoted theoretical figures depending on substrate porosity, surface roughness, overspray losses, application methods and environmental conditions (eg wind).

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