

Intergrain UltraDeck on New Timber [Exterior]

AUSW3900

Description	
<p>Intergrain UltraDeck is a high performance, naturally pigmented water based oil for timber decking, window frames, fences and garden furniture. Formulated with unique Hydroguard technology, UltraDeck delivers a highly durable, low sheen finish that will enhance the look of your timber and provide longer lasting protection. With Hydroguard technology, UltraDeck significantly outperforms conventional decking oils in durability and resistance to UV and water damage. With mould and fungus resistant properties UltraDeck enhances the characteristics of the timber grain and weathers naturally, without risk of cracking, blistering and peeling. UltraDeck has extremely low odour, easy water wash up and is fast drying, allowing two coats to be applied in one day.</p>	

Substrate And Substrate Preparation	
Substrate Notes:	<p>SUBSTRATE DESCRIPTION</p> <p>NEW TIMBER 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 be 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>AGED TIMBER 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>TANNIN RICH TIMBER 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>
Substrate Preparation Notes:	<p>ASSESS SUITABILITY 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>REMOVE SURFACE CONTAMINANTS 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. CLEAN 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>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly.</p> <p>SANDING 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	
Prep Coat:	AUDW0767: Intergrain Reviva
1st Coat:	AUDW1285: Intergrain UltraDeck
2nd Coat:	AUDW1285: Intergrain UltraDeck
Optional:	AUDW1285: Intergrain UltraDeck
Please refer to the coating system details below	

Coating System			
Coat Type:	Prep Coat	Datasheet:	AUDW0767 Intergrain Reviva
Application Methods:	 Other Brush, applicator and scrub broom		
	Min	Max	Recommended
Theoretical Spread Rate *	0	0	
Dry Film Per Coat (microns)	0	0	
Recoat Time **	NA	NA	
Coating Application Details:	Shake Reviva thoroughly. Mix ONE (1) part Reviva to FOUR (4) parts water in a plastic container. For severe staining a stronger solution or repeat applications may be necessary. Tannin rich timbers may also require repeat applications; wash until the water used to rinse Reviva off is clear. CAUTION: Wear waterproof gloves and safety glasses. Avoid contact with painted, concrete or metal surfaces and vegetation. May be corrosive to metals. Rinse off thoroughly if contact occurs. Wet the timber surfaces to be cleaned with water. Apply Reviva mixture generously to the timber with a stiff bristle brush, broom or scouring pad. Scrub the timber vigorously. Clean complete sections at one time. Spot cleaning should be avoided to prevent patchy results. Leave mixture on the timber for 10-15 minutes. If necessary, apply more mixture to keep timber damp throughout this period. For best results Reviva should be applied to cool surfaces, out of direct sunlight, to avoid the cleaner drying on the timber. Rinse off exterior surfaces thoroughly using maximum pressure from a garden hose or using a high pressure water cleaner. A high pressure water cleaner is recommended for large areas or badly discoloured timber. Note: Failure to thoroughly remove mixture may result in timber discolouration under clear finishes. Allow timber to dry thoroughly before applying further products. Note: After cleaning, some timber species will appear lighter due to loss of water soluble extractives. Richer colour is generally restored on application of the finish.		

Coat Type:	1st Coat	Datasheet:	AUDW1285 Intergrain UltraDeck
Application Methods:	 Air Spray  Airless Spray  Brush  Pad		
Theoretical Spread Rate *	Min 10	Max 14.1	Recommended
Dry Film Per Coat (microns)	21	15	
Recoat Time **	4 hours		
Coating Application Details:	<p>Stir thoroughly before and during use with a flat blade stirrer. If project requires more than one can of UltraDeck, mix all cans together in one large container to achieve colour uniformity.</p> <p>For a slip resistant surface on stairs, ramps and wet areas, add Intergrain UltraGrip™* additive into each coat of UltraDeck.</p> <p>To ease application and achieve the best possible finish when coating large areas or in warm conditions, add Intergrain Hot Weather Additive™* to UltraDeck according to label instructions.</p> <p>Apply UltraDeck using a quality brush, lambswool applicator, or spray (air assisted airless or airless). Do not apply by roller. If spraying, back-brush immediately after each section is coated to ensure a uniform finish. Do not overspread or apply thinly as insufficient film thickness will result in lap marks and compromise performance and durability. Take care to apply sufficient product to edges and end grain. When coating large areas, such as decking and weatherboards, coat no more than three boards at a time. Complete an entire length or continue to a natural break such as a window.</p> <p>Wait four hours to dry and apply a second coat. If necessary, sand lightly between coats to remove any raised grain.</p> <p>Three coats will be required in extreme conditions such as full sun exposure, around pools, in humid areas, when applying direct to new bare damp timber, and may be required on porous timbers.</p> <p>Note: If applying direct to new bare damp timber in extreme conditions, four coats will be required.</p> <p>Keep freshly coated contacting surfaces such as doors and windows ajar for several days to prevent sticking. Some tight closing windows may need sealing strips to prevent sticking.</p> <p>MAINTENANCE</p> <p>Conduct a routine 12 monthly maintenance inspection.</p> <p>Best protection of the timber and ease of maintenance is ensured if UltraDeck is recoated before deterioration of the coating and timber underneath occurs.</p> <p>First indication of the need for recoating will be observed as patchiness or discolouration on edges and areas where insufficient product has been applied.</p> <p>To apply a maintenance coat to a surface which is in good condition, clean the surface with Reviva and apply one coat of UltraDeck.</p> <p>To refresh timber with significant signs of weathering, greying or mould, prepare the surface as per the directions under SURFACE PREPARATION.</p> <p>SLIP RESISTANT FINISH - NEW COATING</p> <p>A slip resistant finish can be obtained by applying the following system:</p> <ul style="list-style-type: none"> - 2 coats of UltraDeck, with 5% UltraGrip added to each coat. <p>Intergrain UltraGrip must be added at a rate of 5%. That is:</p> <ul style="list-style-type: none"> - 200g of UltraGrip for 4L of coating - 500g of UltraGrip for 10L of coating <p>When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal.</p> <p>When using UltraGrip, do not sand between coats.</p> <p>To avoid spillage, it may be necessary to remove 500ml of the timber coating from the can before adding UltraGrip. While stirring, add UltraGrip slowly to avoid generating dust. Stir in UltraGrip thoroughly with a flat blade stirrer. Add removed timber coating back to the can as space becomes available. Stir thoroughly.</p> <p>Stir regularly during use.</p> <p>SLIP RESISTANCE RATING</p> <p>When the system described above is applied, the resultant finish achieves the following slip rating:</p> <p>Tested to AS4586-2013 Slip resistance classification of new pedestrian surface materials.</p> <p>WET Pendulum = Class P4</p> <p>OIL-WET Ramp = Slip Resistance Assessment Group R11</p> <p>MAINTAINING A SLIP RESISTANT FINISH</p> <p>In order to maintain a slip resistant finish, decking or walkways must be recoated as the slip resistance decreases due to wear.</p> <p>When recoating is required</p> <ul style="list-style-type: none"> - Clean the surface with Intergrain Reviva, following label instructions. - Allow the surface to fully dry. - Apply 1 coat of Intergrain UltraDeck with 5% Intergrain UltraGrip added. Follow label instructions. - Further coats of Intergrain UltraDeck with 5% Intergrain UltraGrip added can be applied if required for additional weather durability. 		
Additional Coating Details:	If necessary, sand lightly between coats to remove any raised grain.		

Coat Type:	2nd Coat	Datasheet:	AUDW1285 Intergrain UltraDeck
Application Methods:	    Air Spray Airless Spray Brush Pad		
Theoretical Spread Rate *	Min 10	Max 14.1	Recommended
Dry Film Per Coat (microns)	21	15	
Recoat Time **	4 hours		
Coating Application Details:	<p>Stir thoroughly before and during use with a flat blade stirrer. If project requires more than one can of UltraDeck, mix all cans together in one large container to achieve colour uniformity.</p> <p>For a slip resistant surface on stairs, ramps and wet areas, add Intergrain UltraGrip™* additive into each coat of UltraDeck.</p> <p>To ease application and achieve the best possible finish when coating large areas or in warm conditions, add Intergrain Hot Weather Additive™* to UltraDeck according to label instructions.</p> <p>Apply UltraDeck using a quality brush, lambswool applicator, or spray (air assisted airless or airless). Do not apply by roller. If spraying, back-brush immediately after each section is coated to ensure a uniform finish. Do not overspread or apply thinly as insufficient film thickness will result in lap marks and compromise performance and durability. Take care to apply sufficient product to edges and end grain. When coating large areas, such as decking and weatherboards, coat no more than three boards at a time. Complete an entire length or continue to a natural break such as a window.</p> <p>Wait four hours to dry and apply a second coat. If necessary, sand lightly between coats to remove any raised grain.</p> <p>Three coats will be required in extreme conditions such as full sun exposure, around pools, in humid areas, when applying direct to new bare damp timber, and may be required on porous timbers.</p> <p>Note: If applying direct to new bare damp timber in extreme conditions, four coats will be required.</p> <p>Keep freshly coated contacting surfaces such as doors and windows ajar for several days to prevent sticking. Some tight closing windows may need sealing strips to prevent sticking.</p> <p>MAINTENANCE</p> <p>Conduct a routine 12 monthly maintenance inspection.</p> <p>Best protection of the timber and ease of maintenance is ensured if UltraDeck is recoated before deterioration of the coating and timber underneath occurs.</p> <p>First indication of the need for recoating will be observed as patchiness or discolouration on edges and areas where insufficient product has been applied.</p> <p>To apply a maintenance coat to a surface which is in good condition, clean the surface with Reviva and apply one coat of UltraDeck.</p> <p>To refresh timber with significant signs of weathering, greying or mould, prepare the surface as per the directions under SURFACE PREPARATION.</p> <p>SLIP RESISTANT FINISH - NEW COATING</p> <p>A slip resistant finish can be obtained by applying the following system:</p> <ul style="list-style-type: none"> - 2 coats of UltraDeck, with 5% UltraGrip added to each coat. <p>Intergrain UltraGrip must be added at a rate of 5%. That is:</p> <ul style="list-style-type: none"> - 200g of UltraGrip for 4L of coating - 500g of UltraGrip for 10L of coating <p>When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal.</p> <p>When using UltraGrip, do not sand between coats.</p> <p>To avoid spillage, it may be necessary to remove 500ml of the timber coating from the can before adding UltraGrip. While stirring, add UltraGrip slowly to avoid generating dust. Stir in UltraGrip thoroughly with a flat blade stirrer. Add removed timber coating back to the can as space becomes available. Stir thoroughly.</p> <p>Stir regularly during use.</p> <p>SLIP RESISTANCE RATING</p> <p>When the system described above is applied, the resultant finish achieves the following slip rating:</p> <p>Tested to AS4586-2013 Slip resistance classification of new pedestrian surface materials.</p> <p>WET Pendulum = Class P4</p> <p>OIL-WET Ramp = Slip Resistance Assessment Group R11</p> <p>MAINTAINING A SLIP RESISTANT FINISH</p> <p>In order to maintain a slip resistant finish, decking or walkways must be recoated as the slip resistance decreases due to wear.</p> <p>When recoating is required</p> <ul style="list-style-type: none"> - Clean the surface with Intergrain Reviva, following label instructions. - Allow the surface to fully dry. - Apply 1 coat of Intergrain UltraDeck with 5% Intergrain UltraGrip added. Follow label instructions. - Further coats of Intergrain UltraDeck with 5% Intergrain UltraGrip added can be applied if required for additional weather durability. 		
Additional Coating Details:	If necessary, sand lightly between coats to remove any raised grain.		

Coat Type:	Optional	Datasheet:	AUDW1285 Intergrain UltraDeck
Application Methods:	    Air Spray Airless Spray Brush Pad		
Theoretical Spread Rate *	Min 10	Max 14.1	Recommended
Dry Film Per Coat (microns)	21	15	
Recoat Time **	4 hours		
Coating Application Details:	<p>Stir thoroughly before and during use with a flat blade stirrer. If project requires more than one can of UltraDeck, mix all cans together in one large container to achieve colour uniformity.</p> <p>For a slip resistant surface on stairs, ramps and wet areas, add Intergrain UltraGrip™* additive into each coat of UltraDeck.</p> <p>To ease application and achieve the best possible finish when coating large areas or in warm conditions, add Intergrain Hot Weather Additive™* to UltraDeck according to label instructions.</p> <p>Apply UltraDeck using a quality brush, lambswool applicator, or spray (air assisted airless or airless). Do not apply by roller. If spraying, back-brush immediately after each section is coated to ensure a uniform finish. Do not overspread or apply thinly as insufficient film thickness will result in lap marks and compromise performance and durability. Take care to apply sufficient product to edges and end grain. When coating large areas, such as decking and weatherboards, coat no more than three boards at a time. Complete an entire length or continue to a natural break such as a window.</p> <p>Wait four hours to dry and apply a second coat. If necessary, sand lightly between coats to remove any raised grain.</p> <p>Three coats will be required in extreme conditions such as full sun exposure, around pools, in humid areas, when applying direct to new bare damp timber, and may be required on porous timbers.</p> <p>Note: If applying direct to new bare damp timber in extreme conditions, four coats will be required.</p> <p>Keep freshly coated contacting surfaces such as doors and windows ajar for several days to prevent sticking. Some tight closing windows may need sealing strips to prevent sticking.</p> <p>MAINTENANCE</p> <p>Conduct a routine 12 monthly maintenance inspection.</p> <p>Best protection of the timber and ease of maintenance is ensured if UltraDeck is recoated before deterioration of the coating and timber underneath occurs.</p> <p>First indication of the need for recoating will be observed as patchiness or discolouration on edges and areas where insufficient product has been applied.</p> <p>To apply a maintenance coat to a surface which is in good condition, clean the surface with Reviva and apply one coat of UltraDeck.</p> <p>To refresh timber with significant signs of weathering, greying or mould, prepare the surface as per the directions under SURFACE PREPARATION.</p> <p>SLIP RESISTANT FINISH - NEW COATING</p> <p>A slip resistant finish can be obtained by applying the following system:</p> <ul style="list-style-type: none"> - 2 coats of UltraDeck, with 5% UltraGrip added to each coat. <p>Intergrain UltraGrip must be added at a rate of 5%. That is:</p> <ul style="list-style-type: none"> - 200g of UltraGrip for 4L of coating - 500g of UltraGrip for 10L of coating <p>When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal.</p> <p>When using UltraGrip, do not sand between coats.</p> <p>To avoid spillage, it may be necessary to remove 500ml of the timber coating from the can before adding UltraGrip. While stirring, add UltraGrip slowly to avoid generating dust. Stir in UltraGrip thoroughly with a flat blade stirrer. Add removed timber coating back to the can as space becomes available. Stir thoroughly.</p> <p>Stir regularly during use.</p> <p>SLIP RESISTANCE RATING</p> <p>When the system described above is applied, the resultant finish achieves the following slip rating:</p> <p>Tested to AS4586-2013 Slip resistance classification of new pedestrian surface materials.</p> <p>WET Pendulum = Class P4</p> <p>OIL-WET Ramp = Slip Resistance Assessment Group R11</p> <p>MAINTAINING A SLIP RESISTANT FINISH</p> <p>In order to maintain a slip resistant finish, decking or walkways must be recoated as the slip resistance decreases due to wear.</p> <p>When recoating is required</p> <ul style="list-style-type: none"> - Clean the surface with Intergrain Reviva, following label instructions. - Allow the surface to fully dry. - Apply 1 coat of Intergrain UltraDeck with 5% Intergrain UltraGrip added. Follow label instructions. - Further coats of Intergrain UltraDeck with 5% Intergrain UltraGrip added can be applied if required for additional weather durability. 		
Additional Coating Details:	THREE coats of UltraDeck will be required in extreme conditions such as full sun exposure, around pools and in humid areas, and may be required on porous timbers.		

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 25°C 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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