Coatings guide for Accoya® wood







What is Accoya?

Accoya® wood is produced using Accsys' proprietary patented process, which converts sustainably grown softwoods into wood that matches or exceeds the durability, stability and termite resistance of the very best tropical hardwoods.

Accoya is manufactured in the Netherlands from radiata pine and used around the world since factory commissioning in 2007.

Durable, dimensionally stable and reliable, Accoya® wood is particularly suited to exterior applications where performance and appearance are valued. Accoya® is helping to protect the world's precious hardwood resources and is guaranteed for up to 50 years above ground and 25 years in ground.

It is ideal for windows, doors, cladding, decking, structural wood and much more.



Recommended woodcare brands



Teknos is one of Europe's leading suppliers of joinery coatings and a major producer of industrial, powder and architectural paints.

Teknos coatings are designed as fully factory applied coating systems that can be customised to meet your needs. Teknos has a positive track record of coatings on Accoya since 2007, in factory application of joinery, cladding and decking. Teknos coatings enhance resistance to blue stain and black spot moulds, providing durable long lasting performance.



Intergrain Timber Finishes are dedicated to using the latest in water based technology to deliver high performance products with a strong focus on exterior durability.

Intergrain products are ideal for all commercial and residential projects, and are thoroughly tested at 3 NATA (National Association of Testing Authorities) sites across Australia to ensure they withstand Australia's harsh climate.

www.intergrain.com.au



Cabot's has been creating professional guality woodcare finishes for use in and around the home for generations.

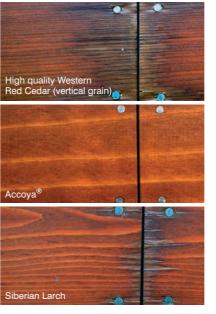
Unique to the renowned Cabot's woodcare range is Timbercolour Deck & Exterior Paint, a self priming water based coating that has long term proven performance on both trafficable and vertical timber surfaces. It is designed specifically for use on timber, so it does not compromise on quality and is backed by a 15 year protection quarantee.

www.cabots.com.au

Accoya + high performance coatings The ultimate combination

Benefits of Accova

The stability of Accoya helps to keep coatings looking freshly coated for longer.



5-year external coating test

A test evaluation conducted by Teknos UK has determined Accoya significantly extends coating life and reduces maintenance requirements. Teknos devised a test to provide "real life" data on the performance of three wood species (Western Red Cedar, Siberian Larch and Accoya®). Each board was coated using the same application method. After 5 years of being exposed to the Oxfordshire countryside. Accoya® boards have remained in a fully functional condition with virtually no deterioration occurring

This performance matches inspection data for Teknos translucent stain coatings on large Accoya cladding projects in India over the same 5 year period.











Benefits of high performance coatings

Improve dimensional stability

Coatings create a barrier between Accoya and water settling on the surface. This slows down the rate of moisture transfer, thereby reducing the chances of surface checking.



Protect against damage caused by UV radiation

Coatings that contain UV absorbers and pigments help to block UV radiation from damaging the timber surface, thereby helping to maintain the timber over the long term.



Reduce mould and fungal growth

Constant moisture can cause the growth of mould, mildew and fungus. It is recommended to use coatings that have been specifically formulated to resist both blue stain and black spot mould growth.

Accoya finishing methods



Factory finishing

For the best finish, a fully factory applied Teknos coating system is recommended.

Excellent durability

Controlled application conditions ensure correct film builds are applied at every stage, thereby achieving better long-term durability.

Flawless finish

Teknos translucent finishes have high clarity to maintain the natural appearance of the timber grain, and Teknos opaque finishes have exceptional tannin blocking to prevent discolouration of lighter shades.

Coated on all sides

Pre-finishing makes it quick and easy to fully coat the timber on all sides, resulting in a significantly extended life span.

Get the job finished quicker

Compared to hand finishing, a customised finishing line will significantly increase throughput, and with timber delivered to site pre-finished, there is less coating needed after installation resulting in time and labour savings.

Proven performance on Accoya Teknos has worked with Accoya

continuously since 2007, in hundreds of wood processing factories to help provide highly durable finishes, and strong technical service to industrial applicators.

Site finishing

Accova should be pre-treated in factory with Teknos Agua Primer 2907 to help protect from the growth of unsightly surface moulds, but finishing on-site with an Intergrain or Cabot's coating can give you greater flexibility and choice.

Maintenance

With the backing of a comprehensive durability testing program, Intergrain UltraDeck, NaturalStain, and Cabot's Timbercolour will not blister, flake or peel, making them easy to maintain.

Colour choice

Intergrain and Cabot's offer a wide choice of colours in translucent and opaque finishes.

Distribution network

Intergrain and Cabot's products are readily available through most leading Retail and Trade outlets nationally, making it quick and easy to source product as needed for the job.

Choose the applicator

Intergrain and Cabot's products are sold to both DIY and Trade customers, so you have the flexibility to choose your preferred professional applicator.

Proven performance on Accoya

When used in combination with Teknos Agua Primer 2907, Intergrain UltraDeck, NaturalStain and Cabot's Timbercolour will help to protect against the growth of surface moulds, and provide long cycles between maintenance.



Caring for Accoya

Coating tips

Reduce mould growth

Accoya is susceptible to growth of surface moulds, to slow this process down pre-treat with Teknos Aqua Primer 2907.

Protect the end grain

Timber absorbs moisture most readily through the end grain, always seal exposed end grain with a coating before installation.

Choose darker, translucent colours

For longer life of translucent coatings, choose darker colours over lighter shades.

Rounded corners

all timber edges should be rounded to a 3mm radius.

Coat on all sides For longer life, ensure all four sides

are coated. Stainless steel fixings High quality stainless steel fixings are

For more information, please refer to section 06 of the Accoya Wood Information Guide, available through the Resource Centre of the Accoya website.



For better coating performance,

strongly recommended with Accova.

Maintenance

Exposure to weather and foot traffic breaks down all coatings eventually, allowing moisture to absorb into the timber. After installation, the longevity of the coating is dependent on the location, aspect on site and degree of exposure to the weather

To ensure the timber remains protected from moisture ingress, and, the coating maintains its original colour and appearance, the coating must be maintained correctly over its lifetime.

Ask your Sales Representative for further advice about maintaining coatings.

Coating system recommendations

Fully factory finished systems

For non-trafficable surfaces such as windows, doors, cladding, interior lining, soffits

TEKNOS Translucent finish Fully factory finished system 4th coat for coastal Coat 1st coat 2nd coat 3rd coat & high UV areas Teknos Aqua Primer Teknos Aqua Filler 6500 Teknos Aquatop 2600 Teknos Aquatop 2600 Product 2907-02 or Aqua Primer 3130 Product type Treatment Intermediate Topcoat Topcoat Use Water based mould Water based high build Water based exterior durable translucent topcoat resistant combi-primer translucent intermediate Provides good Non blocking formula Key features Helps to protect against • Reduces mould growth growth of mould, fungus adhesion Reduces the need Excellent clarity and blue stain. for sanding Application Dip, flowcoat Dip, flowcoat, spray Spray, brush

Opaque **Finish**

	Fully factory finished system					
Coat	1st coat	2nd coat	3rd coat	4th coat for coastal & high UV areas		
Product	Teknos Aqua Primer 2907-02	Teknos Antistain Aqua 2901-52 or Antistain Aqua 2901-00	Teknos Aquatop 2600 Teknos Aquatop 2			
Product type	Treatment	Primer	Topcoat	Topcoat		
Use	Water based mould resistant combi-primer	Water based antibleed opaque primer	Water based exterior durable opaque topcoat			
Key features	Helps to protect against growth of mould, fungus and blue stain.	 Provides good adhesion High opacity Reduces tannin bleed	Non blocking formulaReduces mould growthExcellent clarity			
Application	Dip, flowcoat	Dip, flowcoat, spray	Spray, brush			

TEKNOS

Coating system recommendations

Site finished systems

For walk-on surfaces such as decking, and other timber surfaces such as windows, doors, cladding, linings, soffits.

Transluce Finish	nt		Intere Natural	Intergram. UltraDeck.	
	Factory applied pre-treatment	Site finishing			
Coat	1st coat	2nd coat	3rd coat	4th coat for coastal & high UV areas	
Product	Teknos Aqua Primer 2907-02	Intergrain Ultradeck or NaturalStain	Intergrain Ultradeck or NaturalStain	Intergrain Ultradeck or NaturalStain	
Product type	Treatment	Topcoat	Topcoat	Topcoat	
Use	Water based mould resistant combi-primer	······································			
Key features	Helps to protect against growth of mould, fungus and blue stain.	•			
Application	Dip, flowcoat	Spray, brush, lambswool applicator			

Opaque Finish	TEKNOS	,		Cabots Cabots Timbercolour Deck & Exterior Paint
	Factory applied pre-treatment	Site finishing		
Coat	1st coat	2nd coat	3rd coat	4th coat for coastal & high UV areas
Product	Teknos Aqua Primer 2907-02	Cabot's Timbercolour Deck & Exterior Paint	Cabot's Timbercolour Deck & Exterior Paint	Cabot's Timbercolour Deck & Exterior Paint
Product type	Treatment	Topcoat	Topcoat	Topcoat
Use	Mould resistant combi-primer	water based exterior opaque timber coating		
Key features	Helps to protect against growth of mould, fungus and blue stain.			
Application	Dip, flowcoat	Spray, brush, roller		



www.teknos.com.au www.intergrain.com.au www.accoya.com

For more information call 1800 630 285 or contact your local sales representative.

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Intergrain Naturalstain on New Accoya [Exterior/Coastal]

AU_SW11406

Description

Intergrain NaturalStain is a high performance, semi-transparent, water based stain designed to transform the colour of exterior timber. NaturalStain delivers a wide range of timber colour options to cater for individual designs or to give Accoya® wood the appearance of another timber species. NaturalStain is extremely

durable and withstands wear on timber decking without the need for a topcoat. NaturalStain contains unique Hydroguard technology[^] which adds significant protection to guard timber against Australian and New Zealand harsh conditions as well as the abrasive effects of foot traffic. The advanced finish resists stain absorption and dirt and dust adhesion, helping timber stay clean. The result is timber that stays protected and looking fresh for significantly longer than traditional decking stains. NaturalStain is fast drying, enabling two coats to be applied in one day.

Note: The colour, species, age and condition of the timber to be stained will impact the final colour and finish of all semi-transparent stains. Because of this, the colours shown on NaturalStain colour chips and swatches are to be viewed as a close representation of the colour that can be achieved. NaturalStain colour names may not match other products with the same colour name. Always test on a small area or off-cut for colour suitability before use.

Substrate A	nd Substrate Preparation
Substrate Notes:	Accoya® is modified wood, created using the proprietary technology of Accsys Technologies PLC. The Accoya® modification process takes fast growing, sustainably sourced softwood and by utilising acetylation, a non-toxic process using acetic anhydride, produces a new durable and stable product. Accoya® wood is a highly durable, Class 1 timber but it must be treated for protection against blue stain and all end grain must be sealed to prevent water ingress.
Substrate Preparation Notes:	ASSESS SUITABILITY Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 3 – 7 % wood measuring more than 8% moisture content is likely to have excessive "free" water and should be allowed to dry further before staining or finishing can commence.
	REPAIR SURFACE IMPERFECTIONS AND SEAL ALL ENDGRAIN Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. Seal all end grain using TEKNOSEAL 4000 or other suitable sealer
	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.
	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. Allow timber to fully dry prior to coating.
	PRIMING Accoya® wood is prone to blue stain mould and as such it must be treated with TEKNOS AQUAPRIMER 2907 to prevent mould growth.

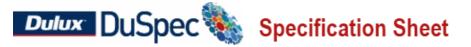
Coating System Summary				
Primer:	AU_DW01946: Teknos AQUAPRIMER 2907 Treatment			
2nd Coat:	AUDW0758: Intergrain Naturalstain			
3rd Coat:	AUDW0758: Intergrain Naturalstain			
4th Coat:	4th Coat: AUDW0758: Intergrain Naturalstain			
Please refer to the coating system details below				

Coating System Coat Type: Primer Datasheet: AU_DW01946 Teknos AQUAPRIMER 2907 Treatment Application DTHER Methods: Other Dip, flow coat or brush and must be applied to saturation. Can also be applied in a factory using a vacuum coater or brushing machine Min Max Recommended Recoat Time ** 120 Coating This product is delivered ready for use. Stir thoroughly before and during use with a flat blade stirrer. Application Details:





Coat Type:	2nd Coat	Datasheet:	AUDW0758 Intergrain Naturalstain	
Application Methods:	Air SprayAirless SprayCan also be applied in a fact		ther um coater or brushing machine	
Wet Filr	oretical Spread Rate * n Per Coat (microns) m Per Coat (microns) Recoat Time **	Min 11.92 84 26 2 hours	Max 12	Recommended
Coating Application Details:	Stir thoroughly before and dur in one large container to achie For a slip resistant surface on To ease application and achie Additive™* to NaturalStain ac Test a small area to ensure sis the area. Apply two coats of I Apply NaturalStain using a qu roller. If spraying, back-brush insufficient film thickness will and end grain. When staining large areas, su continue to a natural break st Wait two hours to dry and app Three coats will be required in bare damp timber, and may b will be required. One coat is or and greater protection. For a gloss or satin finish on a with Intergrain UltraClear Inter be overcoated with UltraFloor Keep freshly coated contactin may need sealing strips to pre MAINTENANCE Conduct a routine 12 monthly Best protection of the timber a underneath occurs. TIMBER IN GOOD CONDITIO look of NaturalStain and add of Intergrain NaturalStain Reju as required. NaturalStain Reju maintenance coat of NaturalS TIMBER IN GOOD CONDITIO look of NaturalStain and add of Intergrain NaturalStain Reju as required. NaturalStain Reju maintenance coat of NaturalS TIMBER IN GOOD CONDITION NaturalStain. Note: Maintenar SIGNIFICANTLY WEATHERE SLIP RESISTANT FINISH A slip resistant finish can be o - 2 coats of NaturalStain, with When UltraGrip is added, the When using UltraGrip, do not To avoid spillage, it may be not UltraGrip slowly to avoid gene space becomes available. Stil Stir regularly during use. SLIP RESISTANCE RATING When the system described a	ring use with a fla ave colour uniforr stairs, ramps an ave the best poss cording to label in atisfaction with th NaturalStain, allou ality brush, lamb immediately after result in lap mark thas decking ar uch as decking ar an extreme condition areas not subject rior. Note: UltraC : maintenance insp and ease of main N SHOWING SIG timber protection ivenator contains tain. Not suitable N WITH PATCHIN the coats of Natu D, GREY OR MO obtained by apply 5% Intergrain UI sheen or gloss le sand between co cessary to remo ar thoroughly.	at blade stirrer. If the project requires more than one camity. at blade stirrer. If the project requires more than one camity. If we areas, add Intergrain UltraGrip™* additive into a sible finish when coating large areas or in warm condit nstructions. The colour and finish before staining the whole project. Dowing two hours drying between coats. Dowood applicator (dressed timber only) or spray (air as are each section is coated to ensure a uniform finish. Do us and compromise performance and durability. Take of and weatherboards, stain no more than three boards at .t. If necessary, sand lightly between coats to remove ions such as full sun exposure, around pools and in h rous timbers. Note: If applying direct to new bare damp it for interior timber. A second coat would only be require to foot traffic, overcoat exterior timber with Intergrain lear is not suitable for coating areas subject to foot traffic as doors and windows ajar for several days to prever pection. tenance is ensured if NaturalStain is recoated before of SNS OF MILD COLOUR FADE. Mild colour fade is the fir without significantly developing the colour, clean the sing to label instructions. IMPORTANT: Repeat application is less protection than NaturalStain, and needs to be re- for use over colours tinted from NaturalStain Tim Bas VESS OR SIGNIFICANT DISCOLOURATION. Clean the trafstain will continue to develop the colour intensity. ULDY TIMBER. Prepare the surface as per the directions wing the following system:: traGrip added to each coat. evel of the resultant coating will be lower than normal.	each coat of NaturalStain. ions, add Intergrain Hot Weather Use natural breaks in the deck to define soisted airless or airless). Do not apply by o not overspread or apply thinly as care to apply sufficient product to edges a time. Complete an entire length or any raised grain. umid areas, when applying direct to new o timber in extreme conditions, four coats uired to achieve greater depth of colour UltraClear Exterior* and interior timber ffic. For interior flooring NaturalStain must ent sticking. Some tight closing windows deterioration of the coating and timber st sign of need to recoat. To refresh the surface with Reviva and apply one coat on of NaturalStain Rejuvenator as often -applied more frequently than a single e. surface with Reviva and apply one coat of a under SURFACE PREPARATION.
	OIL - WET Ramp = Slip Resist	ance Assesment		



Intergrain

Coat Type:	3rd Coat	Datasheet:	AUDW0758 Intergrain Naturalstain	
Application Methods:	Air Spray Airless Spray Can also be applied in a fact		ther uum coater or brushing machine	
	1	Min	Мах	Recommended
	pretical Spread Rate *	11.92	12	
	m Per Coat (microns) m Per Coat (microns)	84 26		
,	Recoat Time **	2 hours	s	
Coating Application Details:	Recoat Time ** Stir thoroughly before and du in one large container to achi For a slip resistant surface or To ease application and achi Additive ™* to NaturalStain ac Test a small area to ensure s the area. Apply two coats of Apply NaturalStain using a qu roller. If spraying, back-brush insufficient film thickness will and end grain. When staining large areas, su continue to a natural break s Wait two hours to dry and ap Three coats will be required i bare damp timber, and may b will be required. One coat is a and greater protection. For a gloss or satin finish on with Intergrain UltraClear Inte be overcoated with UltraFlood Keep freshly coated contacti may need sealing strips to pro- MAINTENANCE Conduct a routine 12 monthly Best protection of the timber a underneath occurs. TIMBER IN GOOD CONDITIO look of NaturalStain Reig as required. NaturalStain Reig maintenance coat of NaturalS TIMBER IN GOOD CONDITIO NaturalStain. Note: Maintenat SIGNIFICANTLY WEATHERE SLIP RESISTANT FINISH A slip resistant finish cn be - 2 coats of NaturalStain, with When UltraGrip is added, the When using UltraGrip, do not To avoid spillage, it may be n UltraGrip slowly to avoid gen space becomes available. Sti Stir regularly during use. SLIP RESISTANCE RATING When the system described a	2 hour: ring use with a fl eve colour unifor a stairs, ramps ar eve the best poss: cording to label atisfaction with t NaturalStain, all uality brush, lami immediately after result in lap mari- uch as decking al uch as decking al maintenance ins and ease of mair on SHOWING SIG timber protection uvenator contain. Stain. Not suitable N WITH PATCHII not coats of Natu D, GREY OR MC obtained by appli 5% Intergrain U sheen or gloss I sand between c ecessary to remo- rating dust. Stir r thoroughly.	lat blade stirrer. If the project requires more than one rmity. Ind wet areas, add Intergrain UltraGrip™* additive into sible finish when coating large areas or in warm cond instructions. the colour and finish before staining the whole project lowing two hours drying between coats. bswool applicator (dressed timber only) or spray (air is er each section is coated to ensure a uniform finish. In this and compromise performance and durability. Take and weatherboards, stain no more than three boards a w. at. If necessary, sand lightly between coats to removitions such as full sun exposure, around pools and in brous timbers. Note: If applying direct to new bare darn int for interior timber. A second coat would only be reac at to foot traffic, overcoat exterior timber with Intergrain Clear is not suitable for coating areas subject to foot tra- th as doors and windows ajar for several days to pre- spection. Intenance is ensured if NaturalStain is recoated before GNS OF MILD COLOUR FADE. Mild colour fade is the fin n without significantly developing the colour, clean the ling to label instructions. IMPORTANT: Repeat applica is less protection than NaturalStain, and needs to be r e for use over colours tinted from NaturalStain Tint Ba NESS OR SIGNIFICANT DISCOLOURATION. Clean the uralStain will continue to develop the colour intensity. DULDY TIMBER. Prepare the surface as per the direction lying the following system: JItraGrip added to each coat. level of the resultant coating will be lower than norma	 be each coat of NaturalStain. litions, add Intergrain Hot Weather t. Use natural breaks in the deck to define assisted airless or airless). Do not apply by Do not overspread or apply thinly as a care to apply sufficient product to edges at a time. Complete an entire length or e any raised grain. humid areas, when applying direct to new op timber in extreme conditions, four coats quired to achieve greater depth of colour n UltraClear Exterior* and interior timber affic. For interior flooring NaturalStain must vent sticking. Some tight closing windows e deterioration of the coating and timber first sign of need to recoat. To refresh the e surface with Reviva and apply one coat of the surface with Reviva and apply one coat of
	WET Pendulum = Class P4 OIL - WET Ramp = Slip Resis	tance Assesmen	t Group R11	
<u>]</u>			· · · · · · · · · · · · · · · · · · ·	



Coat Type:	4th Coat	Datasheet:	AUDW0758 Intergrain Naturalstain	
Application Methods:	Air Spray Airless Spray	Brush Pad		
Wet Fili	oretical Spread Rate * n Per Coat (microns) m Per Coat (microns) Recoat Time **	Min 11.92 84 26 2 hour		Recommended
Coating Application Details:	Stir thoroughly before and due in one large container to achi For a slip resistant surface or To ease application and achi Additive™* to NaturalStain ad- Test a small area to ensure as the area. Apply two coats of Apply NaturalStain using a q roller. If spraying, back-brush insufficient film thickness will and end grain. When staining large areas, st continue to a natural break s Wait two hours to dry and ap Three coats will be required bare damp timber, and may be will be required. One coat is and greater protection. For a gloss or satin finish on with Intergrain UltraClear Inte be overcoated with UltraFloo Keep freshly coated contact may need sealing strips to pr MAINTENANCE Conduct a routine 12 monthly Best protection of the timber underneath occurs. TIMBER IN GOOD CONDITIC look of NaturalStain and add of Intergrain NaturalStain Rej as required. NaturalStain Rej maintenance coat of NaturalS TIMBER IN GOOD CONDITIC look of NaturalStain and add of Intergrain NaturalStain Rej as required. NaturalStain Rej maintenance coat of NaturalS TIMBER IN GOOD CONDITIC NaturalStain. Note: Maintena SIGNIFICANTLY WEATHERE SLIP RESISTANT FINISH A slip resistant finish can be - 2 coats of NaturalStain, with When UltraGrip is added, the When using UltraGrip, do not To avoid spillage, it may be n UltraGrip slowly to avoid gen space becomes available. St Stir regularly during use. SLIP RESISTANCE RATING When the system described Tested to AS4586-2013 Slip WET Pendulum = Class P4 OIL - WET Ramp = Slip Resis	Iring use with a f leve colour unifor in stairs, ramps a eve the best pos coording to label satisfaction with 1 NaturalStain, all uality brush, lam inmediately aft result in lap mar uch as decking a such as a window opply a second co in extreme condi- pe required on po- normally sufficie areas not subject erior. Note: Ultrator r. ing surfaces suc- event sticking. In and ease of mai ON SHOWING SI timber protection uvenator * accord uvenator * accord uvenator * accord stain. Not suitabl N WITH PATCHI noce coats of Nat ED, GREY OR MC obtained by app n 5% Intergrain L e sheen or gloss t sand between o lecessary to rem- erating dust. Stir ir thoroughly.	lat blade stirrer. If the project requires more than one rmity. Ind wet areas, add Intergrain UltraGrip™* additive into instructions. the colour and finish before staining the whole project lowing two hours drying between coats. bswool applicator (dressed timber only) or spray (air : er each section is coated to ensure a uniform finish. If rks and compromise performance and durability. Take and weatherboards, stain no more than three boards a w. at. If necessary, sand lightly between coats to removi tions such as full sun exposure, around pools and in prous timbers. Note: If applying direct to new bare dam in for interior timber. A second coat would only be red at to foot traffic, overcoat exterior timber with Intergrain Clear is not suitable for coating areas subject to foot tra- th as doors and windows ajar for several days to pre- spection. Intenance is ensured if NaturalStain is recoated before GNS OF MILD COLOUR FADE. Mild colour fade is the 1 in without significantly developing the colour, clean the ling to label instructions. IMPORTANT: Repeat applica is less protection than NaturalStain, and needs to be re for use over colours tinted from NaturalStain Tint Ba NESS OR SIGNIFICANT DISCOLOURATION. Clean the uralStain will continue to develop the colour intensity. DULDY TIMBER. Prepare the surface as per the direction lying the following system: JItraGrip added to each coat. level of the resultant coating will be lower than norma coats. ove 500ml of the timber coating from the can before ar- in UltraGrip thoroughly with a flat blade stirrer. Add re in ultraGrip thoroughly with a flat blade stirrer. Add re is fication of new pedestrian surface materials.	 a each coat of NaturalStain. litions, add Intergrain Hot Weather t. Use natural breaks in the deck to define assisted airless or airless). Do not apply by Do not overspread or apply thinly as a care to apply sufficient product to edges at a time. Complete an entire length or e any raised grain. humid areas, when applying direct to new up timber in extreme conditions, four coats quired to achieve greater depth of colour n UltraClear Exterior* and interior timber affic. For interior flooring NaturalStain must vent sticking. Some tight closing windows e deterioration of the coating and timber first sign of need to recoat. To refresh the surface with Reviva and apply one coat tion of NaturalStain Rejuvenator as often e-applied more frequently than a single ise. e surface with Reviva and apply one coat of ns under SURFACE PREPARATION.
System Notes:	and surface roughness.		relative humidity, these may vary under different conc	





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Intergrain Naturalstain on New Accoya [Interior/Exterior]

AU_SW11416

Description

Intergrain NaturalStain is a high performance, semi-transparent, water based stain designed to transform the colour of exterior timber. NaturalStain delivers a wide range of timber colour options to cater for individual designs or to give Accoya® wood the appearance of another timber species. NaturalStain is extremely

durable and withstands wear on timber decking without the need for a topcoat. NaturalStain contains unique Hydroguard technology[^] which adds significant protection to guard timber against Australian and New Zealand harsh conditions as well as the abrasive effects of foot traffic. The advanced finish resists stain absorption and dirt and dust adhesion, helping timber stay clean. The result is timber that stays protected and looking fresh for significantly longer than traditional decking stains. NaturalStain is fast drying, enabling two coats to be applied in one day.

Note: The colour, species, age and condition of the timber to be stained will impact the final colour and finish of all semi-transparent stains. Because of this, the colours shown on NaturalStain colour chips and swatches are to be viewed as a close representation of the colour that can be achieved. NaturalStain colour names may not match other products with the same colour name. Always test on a small area or off-cut for colour suitability before use.

Substrate A	nd Substrate Preparation
Substrate Notes:	Accoya® is modified wood, created using the proprietary technology of Accsys Technologies PLC. The Accoya® modification process takes fast growing, sustainably sourced softwood and by utilising acetylation, a non-toxic process using acetic anhydride, produces a new durable and stable product. Accoya® wood is a highly durable, Class 1 timber but it must be treated for protection against blue stain and all end grain must be sealed to prevent water ingress.
Substrate Preparation Notes:	ASSESS SUITABILITY Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 3 – 7 % wood measuring more than 8% moisture content is likely to have excessive "free" water and should be allowed to dry further before staining or finishing can commence.
	REPAIR SURFACE IMPERFECTIONS AND SEAL ALL ENDGRAIN Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. Seal all end grain using TEKNOSEAL 4000 or other suitable sealer
	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.
	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. Allow timber to fully dry prior to coating.
	PRIMING Accoya® wood is prone to blue stain mould and as such it must be treated with TEKNOS AQUAPRIMER 2907 to prevent mould growth.

Coating System Summary					
Primer:	AU_DW01946: Teknos AQUAPRIMER 2907 Treatment				
2nd Coat:	AUDW0758: Intergrain Naturalstain				
3rd Coat:	AUDW0758: Intergrain Naturalstain				
Please refer to the coating system details below					

Coating Sy	stem					
Coat Type:	Primer	Datasheet:	AU_DW01946 Teknos AQUAPRIMER 2907 Treatment			
Application Methods:	Other Other Dip, flow coat or brush and must be applied to saturation. Can also be applied in a factory using a vacuum coater or brushing machine					
	Recoat Time	; **	Min 120	Max	Recommended	
Coating Application Details:	This product is del	vered ready for	use. Stir well before use.			





Coat Type:	2nd Coat	Datasheet:	AUDW0758 Intergrain Naturalstain	
Application Methods:	Air SprayAirless SprayCan also be applied in a fact		ther um coater or brushing machine	
Wet Filr	oretical Spread Rate * n Per Coat (microns) n Per Coat (microns) Recoat Time **	Min 11.92 84 26 2 hours	Max 12	Recommended
Coating Application Details:	Stir thoroughly before and dur in one large container to achie For a slip resistant surface on To ease application and achie Additive™* to NaturalStain ac Test a small area to ensure sis the area. Apply two coats of I Apply NaturalStain using a qu roller. If spraying, back-brush insufficient film thickness will and end grain. When staining large areas, su continue to a natural break si Wait two hours to dry and app Three coats will be required in bare damp timber, and may b will be required. One coat is or and greater protection. For a gloss or satin finish on a with Intergrain UltraClear Inter be overcoated with UltraFloor Keep freshly coated contactin may need sealing strips to pre MAINTENANCE Conduct a routine 12 monthly Best protection of the timber a underneath occurs. TIMBER IN GOOD CONDITIO look of NaturalStain and add of Intergrain NaturalStain Reju as required. NaturalStain Reju maintenance coat of NaturalS TIMBER IN GOOD CONDITIO NaturalStain. Note: Maintenar SIGNIFICANTLY WEATHERE SLIP RESISTANT FINISH A slip resistant finish can be o - 2 coats of NaturalStain, with When UltraGrip is added, the When using UltraGrip, do not To avoid spillage, it may be no UltraGrip slowly to avoid gene space becomes available. Stii Stir regularly during use. SLIP RESISTANCE RATING When the system described a	ing use with a fla ave colour uniforr stairs, ramps an we the best poss cording to label ii atisfaction with th VaturalStain, allow immediately after result in lap mark ch as decking ar uch as a window oly a second coan a extreme conditi a required on por iormally sufficient areas not subject for. Note: UltraC ag surfaces such event sticking. maintenance insp and ease of main N SHOWING SIG imber protection venator* accordin venator contains tain. Not suitable V WITH PATCHIN ice coats of Natu D, GREY OR MO obtained by apply 5% Intergrain UI sheen or gloss le sand between co coessary to remo ir thoroughly.	at blade stirrer. If the project requires more than one c mity. Id wet areas, add Intergrain UltraGrip™* additive into sible finish when coating large areas or in warm condit nstructions. The colour and finish before staining the whole project. Dowing two hours drying between coats. Dowood applicator (dressed timber only) or spray (air a: re ach section is coated to ensure a uniform finish. Du is and compromise performance and durability. Take of the weatherboards, stain no more than three boards at the fracessary, sand lightly between coats to remove ions such as full sun exposure, around pools and in h rous timbers. Note: If applying direct to new bare damp it for interior timber. A second coat would only be requi- t to foot traffic, overcoat exterior timber with Intergrain lear is not suitable for coating areas subject to foot tra- n as doors and windows ajar for several days to preve- pection. tenance is ensured if NaturalStain is recoated before of SNS OF MILD COLOUR FADE. Mild colour fade is the fir without significantly developing the colour, clean the a less protection than NaturalStain, and needs to be re- for use over colours tinted from NaturalStain Tim Bas NESS OR SIGNIFICANT DISCOLOURATION. Clean the iralStain will continue to develop the colour intensity. ULDY TIMBER. Prepare the surface as per the directions wing the following system: ItraGrip added to each coat. evel of the resultant coating will be lower than normal.	each coat of NaturalStain. tions, add Intergrain Hot Weather Use natural breaks in the deck to define ssisted airless or airless). Do not apply by o not overspread or apply thinly as care to apply sufficient product to edges a time. Complete an entire length or a any raised grain. umid areas, when applying direct to new o timber in extreme conditions, four coats uired to achieve greater depth of colour UltraClear Exterior* and interior timber ffic. For interior flooring NaturalStain must ent sticking. Some tight closing windows deterioration of the coating and timber rst sign of need to recoat. To refresh the surface with Reviva and apply one coat on of NaturalStain Rejuvenator as often -applied more frequently than a single te. surface with Reviva and apply one coat of a under SURFACE PREPARATION.
	OIL - WET Ramp = Slip Resist	ance Assesment		



Intergrain

Coat Type:	3rd Coat	Datasheet:	AUDW0758 Intergrain Naturalstain						
Application Methods:			NER ther						
Can also be applied in a factory using a vacuum coater or brushing machine									
Wet File	MinMaxRecommendedTheoretical Spread Rate *11.9212Wet Film Per Coat (microns)8412Dry Film Per Coat (microns)26Recoat Time **2 hours								
Coating Application Details:	in one large container to ad For a slip resistant surface To ease application and ad Additive™* to NaturalStain Test a small area to ensur the area. Apply two coats Apply NaturalStain using a roller. If spraying, back-bru insufficient film thickness w and end grain. When staining large areas, continue to a natural breat Wait two hours to dry and Three coats will be require bare damp timber, and ma will be required. One coat and greater protection. For a gloss or satin finish of with Intergrain UltraClear II be overcoated with UltraFI Keep freshly coated conta may need sealing strips to MAINTENANCE Conduct a routine 12 monti Best protection of the timbu underneath occurs. TIMBER IN GOOD CONDIT look of NaturalStain and ad of Intergrain NaturalStain R as required. NaturalStain R as required. NaturalStain R srequired. NaturalStain R as required. NaturalStain R as required. NaturalStain R as required. NaturalStain R as required. NaturalStain R stripticANTLY WEATHEI SLIP RESISTANT FINISH A slip resistant finish can b - 2 coats of NaturalStain, w When UltraGrip is added, t When using UltraGrip, do r To avoid spillage, it may be UltraGrip slowly to avoid gr space becomes available. Stir regularly during use.	chieve colour unifor on stairs, ramps at chieve the best pos according to label e satisfaction with t of NaturalStain, all quality brush, lami sh immediately after ill result in lap mar such as decking a c such as a decking a c such as a decking a c such as decking a c such as a window apply a second coa d in extreme condir y be required on po is normally sufficien on areas not subject therior. Note: Ultract oor. cting surfaces such prevent sticking. hly maintenance ins er and ease of main fION SHOWING SIG d timber protection tejuvenator accord tejuvenator contain alStain. Not suitable ION WITH PATCHII nance coats of Natu RED, GREY OR MC the sheen or gloss I not sand between co encesting dust. Stir Stir thoroughly.	nd wet areas, add Intergrain UltraGrip™* additives is the section and finish before staining the whole provide a section is coated to ensure a uniform finities and compromise performance and durability. Ind weatherboards, stain no more than three boards. If necessary, sand lightly between coats to react to foot traffic, overcoat exterior timber with Inter Clear is not suitable for coating areas subject to fin h as doors and windows ajar for several days to spection. Internance is ensured if NaturalStain is recoated be and without significantly developing the colour, clear is not suitable for coating areas and area are subjection than NaturalStain, and needs to e for use over colours timted from NaturalStain TimeSS OR SIGNIFICANT DISCOLOURATION. Clear is not suitable to develop the colour inter DULDY TIMBER. Prepare the surface as per the direct of the resultant coating will be lower than needs to e for use over colours time from naturalStain. TimeSS OR SIGNIFICANT DISCOLOURATION. Clear is not suitable to each coat. Its of the resultant coating will be lower than needs the information will continue to develop the colour inter DULDY TIMBER. Prepare the surface as per the direct of the resultant coating will be lower than neces. In the tore of the timber coating from the can befor in UltraGrip thoroughly with a flat blade stirrer. A sification of new pedestrian surface materials.	re into each coat of NaturalStain. conditions, add Intergrain Hot Weather roject. Use natural breaks in the deck to define ((air assisted airless or airless). Do not apply by ish. Do not overspread or apply thinly as Take care to apply sufficient product to edges ards at a time. Complete an entire length or emove any raised grain. In humid areas, when applying direct to new e damp timber in extreme conditions, four coats be required to achieve greater depth of colour ergrain UltraClear Exterior* and interior timber oot traffic. For interior flooring NaturalStain must o prevent sticking. Some tight closing windows before deterioration of the coating and timber as the first sign of need to recoat. To refresh the an the surface with Reviva and apply one coat oplication of NaturalStain Rejuvenator as often o be re-applied more frequently than a single in Base. and he surface with Reviva and apply one coat of sity. rections under SURFACE PREPARATION.					
Coating System Notes:	and surface roughness.		uoted Theoretical Spreading Rate due to factors relative humidity, these may vary under different						





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Intergrain Ultradeck on New Accoya [Interior/Exterior/Coastal]

AU_SW11417

Description

Intergrain UltraDeck is an extremely long lasting, water based oil for decking and exterior timber. UltraDeck contains unique Hydroguard technology^{*} to guard timber against Australian and New Zealand harsh conditions as well as the abrasive effects of foot traffic. The natural looking finish resists stain absorption and dirt and dust adhesion, helping timber stay clean. The result is timber that stays protected and looking fresh for significantly longer than traditional decking oils. UltraDeck is available in a lightly pigmented natural colour or with mild timber tones to highlight the characteristics of popular timber species. More colour tones can be achieved by tinting UltraDeck at the paint counter. UltraDeck is fast drying, allowing two coats to be applied in one day, and will weather naturally, without risk of flaking, blistering and peeling.

Substrate A	nd Substrate Preparation				
Substrate Notes:	Accoya® is the brand name of a treated wood created via the acetylation wood modification process, using acetic anhydride, of Accsys Technologies PLC. Accoya® wood is manufactured via a non-toxic treatment and uses fast growing softwood timber from sustainable sources. Accoya is a highly durable, Class 1 timber but it must be treated for protection against blue stain and all end grain must be sealed to prevent water ingress.				
Substrate Preparation Notes:	ASSESS SUITABILITY Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 3 – 7 % wood measuring more than 8% moisture content is likely to have excessive "free" water and should be allowed to dry further before staining or finishing can commence.				
	REPAIR SURFACE IMPERFECTIONS AND SEAL ALL ENDGRAIN Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. Seal all end grain using TEKNOSEAL 4000 or other suitable sealer				
	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.				
	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. Allow timber to fully dry prior to coating.				
	PRIMING Accoya timber is prone to blue stain mould and as such it must be treated with TEKNOS AQUAPRIMER 2907 to prevent mould growth.				

Coating System Summary					
Primer:	AU_DW01946: Teknos AQUAPRIMER 2907 Treatment				
2nd Coat:	AUDW1285: Intergrain Ultradeck				
3rd Coat:	AUDW1285: Intergrain Ultradeck				
4th Coat:	Coat: AUDW1285: Intergrain Ultradeck				
Please refer to the coating system details below					

Coating System							
Coat Type:	Primer	Datasheet:	AU_DW019	946 Teknos AQUAPRIMER 2907 Treatment			
Application Methods:	Other Other Dip, flow coat or brush and must be applied to saturation. Can also be applied in a factory using a vacuum coater or brushing machine						
	Min Max Recommended Recoat Time ** 120						
Coating Application Details:	This product is delivered ready for use. Stir well before use.						
Coat Type:	2nd Coat		Datasheet:	AUDW1285 Intergrain Ultradeck			
Application Methods:			the Pade Other she Pade Other using a vacuur	er n coater or brushing machine			

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Theo	retical Spread Rate *	Min 13.75		Max 14	Recommended				
	n Per Coat (microns)	75		14	86				
Dry Fili	n Per Coat (microns)	16			18				
	Recoat Time **	4 hours							
	n Per Coat (microns) Recoat Time ** Stir thoroughly before and duri large container to achieve colo For a slip resistant surface on To ease application and achieve Additive™* to UltraDeck accom Apply UltraDeck using a quality back-brush immediately after of thickness will result in lap mark grain. When coating large area continue to a natural break sur Wait four hours to dry and app Three coats will be required in bare damp timber, and may be Note: If applying direct to new Keep freshly coated contaction may need sealing strips to prev MAINTENANCE Conduct a routine 12 monthly m Best protection of the timber ar underneath occurs. First indication of the need for been applied. To apply a maintenance coat to To refresh timber with significat PREPARATION. SLIP RESISTANT FINISH - NEW A slip resistant finish can be od - 2 coats of UltraDeck, with 5% When UltraGrip is added, the se When using UltraGrip, do not se To avoid spillage, it may be neu UltraGrip slowly to avoid gener space becomes available. Stir Stir regularly during use. SLIP RESISTANCE RATING When the system described at Tested to AS4586-2013 Slip re WET Pendulum = Class P4 OIL-WET Ramp = Slip Resistant finish can be of This assumes that the timber h - 1 coat of UltraDeck, with 5% I	16 4 hours Ing use with a fla ur uniformity. stairs, ramps and ve the best possi- ding to label insti- y brush, lambsw- ach section is cr as and compromi- s, such as decki ch as a window. ly a second coar- extreme conditional required on porto- bare damp timber g surfaces such- vent sticking. Inaintenance inspi- nd ease of maint recoating will be to a surface which the as a surface which the as a surface which the as used of weath COATING the or gloss le and between co- assary to remov- ating dust. Stir in thoroughly. Deve is applied, the assistance classifi- the assistance classifi- ace Assesment G TENANCE COAT- tained by apply as already been intergrain UltraG sheen or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le and between co- cessary to remov- ating dust. Stir in the or gloss le attracted by apply and the or gloss le attracte	a wet areas, add Intergrain U ble finish when coating large uctions. Dol applicator, or spray (air a boated to ensure a uniform fin se performance and durabili ing and weatherboards, coat :. If necessary, sand lightly b bons such as full sun exposur- us timbers. r in extreme conditions, four as doors and windows ajar ection. enance is ensured if UltraDe observed as patchiness or h is in good condition, clean hering, greying or mould, pre ng the following system: I to each coat. vel of the resultant coating w ats. e 500ml of the timber coating n UltraGrip thoroughly with a he resultant finish achieves t cation of new pedestrian sur roup R11 ING ng the following system. pre-coated with at least 2 co rip added. vel of the resultant coating w ats. e 500ml of the timber coating w ats.	ItraGrip™* additive into ea areas or in warm conditio ssisted airless or airless). ish. Do not overspread or ty. Take care to apply suffi no more than three boards etween coats to remove a e, around pools, in humid coats will be required. for several days to prever ck is recoated before dete discolouration on edges a the surface with Reviva ar pare the surface as per th ill be lower than normal. g from the can before addii flat blade stirrer. Add remo the following slip rating: face materials.	18 UltraDeck, mix all cans together in one ach coat of UltraDeck. ns, add Intergrain Hot Weather Do not apply by roller. If spraying, apply thinly as insufficient film cient product to edges and end at a time. Complete an entire length or myraised grain. areas, when applying direct to new it sticking. Some tight closing windows inforation of the coating and timber ind areas where insufficient product has ad apply one coat of UltraDeck. e directions under SURFACE				
	Stir regularly during use. SLIP RESISTANCE RATING When the sustem described above is explicit, the regularity initial achieves the following alignating:								
	When the system described above is applied, the resultant finish achieves the following slip rating:								
	Tested to AS4586-2013 Slip resistance classification of new pedestrian surface materials. WET Pendulum = Class P4 OIL - WET Ramp = Slip Resistance Assesment Group R11								
Coat Type:	3rd Coat	Datasheet:	AUDW1285 Intergrain UI	tradeck					
Application									
Application Methods:	Air Spray Airless Spray E	arush Pad Oth	er						





Theoretical Spread Rate * Wet Film Per Coat (microns) Dry Film Per Coat (microns) Recoat Time **		Min 13.75 75 16 4 hours	Max 14	Recommended 12 86 18
Coating Application Details:	 large container to achieve control of the signal surface of the transmission of the transmis	olour uniformity. on stairs, ramps and ieve the best poss cording to label inst ality brush, lambsw er each section is c arks and comprom reas, such as deck such as a window. opply a second coal in extreme conditi- be required on porce whare damp timbe ting surfaces such revent sticking. y maintenance insp r and ease of maint for recoating will be at to a surface whice icant signs of weat EW COATING e obtained by apply 5% UltraGrip addec e sheen or gloss le ot sand between con necessary to remov- nect a surface classif tance Assesment G AINTENANCE COATI e of tance dassesment G at Intergrain UltraG e sheen or gloss le of tance Assessment G AINTENANCE coati e sheen or gloss le of tance Assessment G at Intergrain UltraG e sheen or gloss le of tance the second contained by apply of the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to the second to	bool applicator, or spray (air assisted airless or airle bated to ensure a uniform finish. Do not oversprea se performance and durability. Take care to apply ing and weatherboards, coat no more than three b t. If necessary, sand lightly between coats to remo- bins such as full sun exposure, around pools, in hu- ous timbers. r in extreme conditions, four coats will be required as doors and windows ajar for several days to pre- ection. enance is ensured if UltraDeck is recoated before to observed as patchiness or discolouration on edg h is in good condition, clean the surface with Revi- hering, greying or mould, prepare the surface as pre- ing the following system: d to each coat. vel of the resultant coating will be lower than norm ats. re 500ml of the timber coating from the can before in UltraGrip thoroughly with a flat blade stirrer. Add he resultant finish achieves the following slip ratin cation of new pedestrian surface materials. roup R11 ING ing the following system. pre-coated with at least 2 coats of Intergrain Ultra rip added. vel of the resultant coating will be lower than norm	to each coat of UltraDeck. nditions, add Intergrain Hot Weather ess). Do not apply by roller. If spraying, with or apply thinly as insufficient film ourds at a time. Complete an entire length of ove anyraised grain. unid areas, when applying direct to new d. revent sticking. Some tight closing window deterioration of the coating and timber ges and areas where insufficient product have va and apply one coat of UltraDeck. were the directions under SURFACE nal. adding UltraGrip. While stirring, add removed timber coating back to the can as g: Deck. nal. adding UltraGrip. While stirring, add removed timber coating back to the can
	OIL - WET Ramp = Slip Res	istance Assesment	Group R11	

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	Air Spray Airless Spray B	Brush Pad Other		
	Can also be applied in a facto	ry using a vacuum coater or l	brushing machine	
<u> </u>	1	Min	May	Recommonded
Theo	pretical Spread Rate *	13.75	14	12
	m Per Coat (microns)	75		86
Dry Fili	m Per Coat (microns)			18
	Recoat Time **	4 nours		
Wet Fili	 m Per Coat (microns) m Per Coat (microns) Recoat Time ** Stir thoroughly before and duril large container to achieve colo For a slip resistant surface on a To ease application and achieve Additive™* to UltraDeck accord Apply UltraDeck using a quality back-brush immediately after of thickness will result in lap mark grain. When coating large area continue to a natural break sur Wait four hours to dry and app Three coats will be required in bare damp timber, and may be Note: If applying direct to new I Keep freshly coated contaction may need sealing strips to prev MAINTENANCE Conduct a routine 12 monthly in Best protection of the timber ar underneath occurs. First indication of the need for been applied. To apply a maintenance coat to To refresh timber with significat PREPARATION. SLIP RESISTANT FINISH - NEW A slip resistant finish can be of - 2 coats of UltraDeck, with 5% When UltraGrip is added, the s When using UltraGrip, do not s To avoid spillage, it may be need UltraGrip slowly to avoid gener space becomes available. Stir Stir regularly during use. SLIP RESISTANCE RATING When the system described at Tested to AS4586-2013 Slip re WET Pendulum = Class P4 OIL-WET Ramp = Slip Resistant SLIP RESISTANT FINISH - MAIN A slip resistant finish can be of 	75 16 4 hours Ing use with a flat blade stirrer ur uniformity. stairs, ramps and wet areas, a ve the best possible finish which ding to label instructions. y brush, lambswool applicato bach section is coated to ensu- ss and compromise performan- is, such as decking and weath ch as a window. If y a second coat. If necessari- extreme conditions such as for- required on porous timbers. bare damp timber in extreme g surfaces such as doors and vent sticking. In aintenance inspection. Ind ease of maintenance is en- recoating will be observed as to a surface which is in good of the signs of weathering, greyin COATING Datained by applying the follow between coats. cessary to remove 500ml of the rating dust. Stir in UltraGrip the thoroughly. Dove is applied, the resultant the esistance classification of new acce Assesment Group R11 ITENANCE COATING Datained by applying the follow that already been pre-coated was	r. If project requires more than one can o add Intergrain UltraGrip™* additive into e en coating large areas or in warm conditi r, or spray (air assisted airless or airless) ure a uniform finish. Do not overspread o nee and durability. Take care to apply su herboards, coat no more than three board y, sand lightly between coats to remove full sun exposure, around pools, in humic conditions, four coats will be required. d windows ajar for several days to preve sured if UltraDeck is recoated before det s patchiness or discolouration on edges condition, clean the surface with Reviva a ng or mould, prepare the surface as per t ring system: it. sultant coating will be lower than normal. ne timber coating from the can before add ioroughly with a flat blade stirrer. Add ren finish achieves the following slip rating: w pedestrian surface materials.	86 18 f UltraDeck, mix all cans together in one each coat of UltraDeck. ions, add Intergrain Hot Weather). Do not apply by roller. If spraying, or apply thinly as insufficient film fficient product to edges and end ds at a time. Complete an entire length or anyraised grain. d areas, when applying direct to new ent sticking. Some tight closing windows ent sticking. Some tight closing windows and areas where insufficient product has and apply one coat of UltraDeck. the directions under SURFACE ding UltraGrip. While stirring, add noved timber coating back to the can as
	When UltraGrip is added, the s	sheen or gloss level of the res	ultant coating will be lower than normal.	
	When using UltraGrip, do not s	and between coats.	ne timber coating from the can before add	ding UltraGrip. While stirring. add
	UltraGrip slowly to avoid gener	ating dust. Stir in UltraGrip th	oroughly with a flat blade stirrer. Add ren	
	as space becomes available. S	Stir thoroughly.		
	Stir regularly during use.			
	SLIP RESISTANCE RATING			
		pove is applied, the resultant	finish achieves the following slip rating:	
		esistance classification of nev	w pedestrian surface materials.	
	WET Pendulum = Class P4 OIL - WET Ramp = Slip Resista	anco Accormont Crown B14		
	$ \cup - vv \in $	ANDE ASSESTIETIL GIUUP RTT		



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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Intergrain Ultradeck on New Accoya [Interior/Exterior]

AU_SW11418

Description

Intergrain UltraDeck is an extremely long lasting, water based oil for decking and exterior timber. UltraDeck contains unique Hydroguard technology[^] to guard timber against Australian and New Zealand harsh conditions as well as the abrasive effects of foot traffic. The natural looking finish resists stain absorption and dirt and dust adhesion, helping timber stay clean. The result is timber that stays protected and looking fresh for significantly longer than traditional decking oils. UltraDeck is available in a lightly pigmented natural colour or with mild timber tones to highlight the characteristics of popular timber species. More colour tones can be achieved by tinting UltraDeck at the paint counter. UltraDeck is fast drying, allowing two coats to be applied in one day, and will weather naturally, without risk of flaking, blistering and peeling.

For commercial application in high traffic areas refer to Duspec AUSW11417

Substrate A	nd Substrate Preparation
Substrate Notes:	Accoya® is modified wood, created using the proprietary technology of Accsys Technologies PLC. The Accoya® modification process takes fast growing, sustainably sourced softwood and by utilising acetylation, a non-toxic process using acetic anhydride, produces a new durable and stable product. Accoya® wood is a highly durable, Class 1 timber but it must be treated for protection against blue stain and all end grain must be sealed to prevent water ingress.
Substrate Preparation Notes:	ASSESS SUITABILITY Ensure the wood is thoroughly clean and dry before commencing. If there is any doubt, measure moisture content which must be between 3 – 7 % wood measuring more than 8% moisture content is likely to have excessive "free" water and should be allowed to dry further before staining or finishing can commence.
	REPAIR SURFACE IMPERFECTIONS AND SEAL ALL ENDGRAIN Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. Seal all end grain using TEKNOSEAL 4000 or other suitable sealer
	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.
	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. Allow timber to fully dry prior to coating.
	PRIMING Accoya® wood is prone to blue stain mould and as such it must be treated with TEKNOS AQUAPRIMER 2907 to prevent mould growth.

Coating System Summary						
Primer:	AU_DW01946: Teknos AQUAPRIMER 2907 Treatment					
2nd Coat:	AUDW1285: Intergrain Ultradeck					
3rd Coat:	AUDW1285: Intergrain Ultradeck					
Please refer to	Please refer to the coating system details below					

Coating Sys	stem							
Coat Type:	Primer	Datasheet:	AU_DW01	946 Teknos AQUAPRIMER 2907 Treatment				
Application Methods:	Other Dip, flow coat or brush and must be applied to saturation. Can also be applied in a factory using a vacuum coater or brushing machine							
	Recoat Tir	me **	Min 120	Мах	Recommended			
Coating Application Details:	This product is d	elivered ready for	before use.					
Coat Type:	2nd Coat	C	atasheet:	AUDW1285 Intergrain Ultradeck				
Application Methods:			n Pad Other sing a vacuur	er n coater or brushing machine				





		Min	Max	Recommended			
Theo	retical Spread Rate *	13.75	14	12			
Wet Filr	n Per Coat (microns)	75		86			
	. ,						
Dry Fill	. ,			10			
	Recoat Time **	4 nours					
	large container to achieve co For a slip resistant surface or To ease application and achi Additive™* to UltraDeck acco Apply UltraDeck using a qual back-brush immediately after thickness will result in lap ma grain. When coating large are continue to a natural break s Wait four hours to dry and ap Three coats will be required i bare damp timber, and may b Note: If applying direct to new Keep freshly coated contact may need sealing strips to pr MAINTENANCE Conduct a routine 12 monthly Best protection of the timber underneath occurs. First indication of the need fo been applied. To apply a maintenance coal To refresh timber with signific PREPARATION. SLIP RESISTANT FINISH - NEY A slip resistant finish can be - 2 coats of UltraDeck, with 5 When UltraGrip is added, the When using UltraGrip, do not To avoid spillage, it may be n UltraGrip slowly to avoid gen space becomes available. St Stir regularly during use.	lour uniformity. In stairs, ramps and eve the best possi ording to label instri ity brush, lambswu each section is co rks and compromi- as, such as decki uch as a window. Oply a second coal n extreme conditional e required on porce where damp timber ing surfaces such event sticking. In an extreme conditional maintenance insp and ease of maintenance insp and ease of maintenance insp and ease of maintenance insp and ease of maintenance insp and ease of weath N COATING obtained by applying % UltraGrip addect sheen or gloss le is sand between co ecessary to remover erating dust. Stir ir ir thoroughly.	a wet areas, add Intergrain UltraGrip™* ad ble finish when coating large areas or in w uctions. Dol applicator, or spray (air assisted airles bated to ensure a uniform finish. Do not or se performance and durability. Take care ing and weatherboards, coat no more than . If necessary, sand lightly between coats ons such as full sun exposure, around poo us timbers. r in extreme conditions, four coats will be as doors and windows ajar for several da ection. enance is ensured if UltraDeck is recoated observed as patchiness or discolouration h is in good condition, clean the surface w hering, greying or mould, prepare the surf I to each coat. vel of the resultant coating will be lower thats. e 500ml of the timber coating from the car in UltraGrip thoroughly with a flat blade stir	varm conditions, add Intergrain Hot Weather s or airless). Do not apply by roller. If spraying, verspread or apply thinly as insufficient film to apply sufficient product to edges and end three boards at a time. Complete an entire length or s to remove anyraised grain. bls, in humid areas, when applying direct to new required. ays to prevent sticking. Some tight closing windows d before deterioration of the coating and timber in on edges and areas where insufficient product has with Reviva and apply one coat of UltraDeck. ace as per the directions under SURFACE an normal.			
	When the system described	above is applied, t	he resultant finish achieves the following	slip rating:			
		resistance classification of new pedestrian surface materials.					
	WET Pendulum = Class P4						
	OIL-WET Ramp = Slip Resista	ance Assesment G	Топркт				
	SLIP RESISTANT FINISH - MAINTENANCE COATING A slip resistant finish can be obtained by applying the following system. This assumes that the timber has already been pre-coated with at least 2 coats of Intergrain UltraDeck.						
	- 1 coat of UltraDeck, with 5% Intergrain UltraGrip added. 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. 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. Stir regularly during use.						
	SLIP RESISTANCE RATING When the system described above is applied, the resultant finish achieves the following slip rating:						
	Tested to AS4586-2013 Slip resistance classification of new pedestrian surface materials. WET Pendulum = Class P4 OIL - WET Ramp = Slip Resistance Assesment Group R11						
Coat Type:	3rd Coat	Datasheet:	AUDW1285 Intergrain Ultradeck				
			J				
Application Methods:	Air Spray Airless Spray	Brush Pad Oth	er				

Can also be applied in a factory using a vacuum coater or brushing machine Version 3.0 of Woodcare specification AU_SW11418 approved on Thursday, 7 January 2016 5:30:23 AM (UTC)





Wet Fil	oretical Spread Rate * m Per Coat (microns) m Per Coat (microns) Recoat Time **	Min 13.75 75 16 4 hours	Max 14	Recommended 12 86 18
Coating Application Details:	large container to achieve colo For a slip resistant surface on s To ease application and achiev Additive™* to UltraDeck accord Apply UltraDeck using a quality back-brush immediately after e thickness will result in lap mark grain. When coating large area continue to a natural break suc Wait four hours to dry and app Three coats will be required in bare damp timber, and may be Note: If applying direct to new to	ur uniformity. stairs, ramps and wet areas, re the best possible finish wh ling to label instructions. / brush, lambswool applicato ach section is coated to ens s and compromise performa s, such as decking and weat ch as a window. ly a second coat. If necessa extreme conditions such as required on porous timbers. pare damp timber in extreme g surfaces such as doors an	r. If project requires more than one can of add Intergrain UltraGrip™* additive into e ien coating large areas or in warm condition r, or spray (air assisted airless or airless) ure a uniform finish. Do not overspread on nce and durability. Take care to apply suf herboards, coat no more than three board ry, sand lightly between coats to remove full sun exposure, around pools, in humic conditions, four coats will be required. d windows ajar for several days to preve	ach coat of UltraDeck. ons, add Intergrain Hot Weather . Do not apply by roller. If spraying, apply thinly as insufficient film ficient product to edges and end Is at a time. Complete an entire length or anyraised grain. I areas, when applying direct to new
	underneath occurs. First indication of the need for been applied. To apply a maintenance coat to	nd ease of maintenance is er recoating will be observed a o a surface which is in good	nsured if UltraDeck is recoated before deters s patchiness or discolouration on edges a condition, clean the surface with Reviva a ng or mould, prepare the surface as per t	and areas where insufficient product has and apply one coat of UltraDeck.
	When using UltraGrip, do not s To avoid spillage, it may be nee	tained by applying the follow UltraGrip added to each coa heen or gloss level of the res and between coats. cessary to remove 500ml of t ating dust. Stir in UltraGrip th	÷ ·	
	SLIP RESISTANCE RATING When the system described ab	sistance classification of ne	finish achieves the following slip rating: w pedestrian surface materials.	
	SLIP RESISTANT FINISH - MAIN A slip resistant finish can be ob This assumes that the timber h - 1 coat of UltraDeck, with 5% I	ntained by applying the follow as already been pre-coated	ving system. with at least 2 coats of Intergrain UltraDec	ж.
	When using UltraGrip, do not s To avoid spillage, it may be nee	and between coats. cessary to remove 500ml of t ating dust. Stir in UltraGrip th	sultant coating will be lower than normal. he timber coating from the can before add noroughly with a flat blade stirrer. Add rem	
		sistance classification of ne	finish achieves the following slip rating: w pedestrian surface materials.	
Coating System Notes:	and surface roughness.		ical Spreading Rate due to factors such a ity, these may vary under different conditi	





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