

Coatings guide

for Accoya® wood

Intergrain.

Cabot's®

 **TEKNOS®**





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.

KEY FEATURES



DIMENSIONALLY STABLE



OUTSTANDING DURABILITY



PERFECT FOR COATING

Accoya® wood is produced from sustainably sourced, fast growing wood and manufactured using Accsys' proprietary patented modification process from surface to core.



BAREFOOT FRIENDLY



NATURALLY INSULATING



EXCELLENT MACHINABILITY



INSECT BARRIER



CONSISTENT QUALITY THROUGHOUT



NATURALLY BEAUTIFUL WOOD



FROM SUSTAINABLE SOURCES



RETAINED STRENGTH & HARDNESS



NON-TOXIC & RECYCLABLE

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.co.nz

Cabot's has been creating professional quality 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 guarantee.

www.cabots.co.nz

Accoya + high performance coatings

The ultimate combination

Benefits of Accoya

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

Accoya should be pre-treated in factory with Teknos Aqua 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 Aqua 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

For better coating performance, 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 strongly recommended with Accoya.

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

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.

Translucent 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 Aqua Filler 6500 or Aqua Primer 3130 | Teknos Aquatop 2600 | Teknos Aquatop 2600 |
| Product type | Treatment | Intermediate | Topcoat | Topcoat |
| Use | Water based mould resistant combi-primer | Water based high build translucent intermediate | Water based exterior durable translucent topcoat | |
| Key features | Helps to protect against growth of mould, fungus and blue stain. | <ul style="list-style-type: none">Provides good adhesionReduces the need for sanding | <ul style="list-style-type: none">Non blocking formulaReduces mould growthExcellent clarity | |
| 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 2600 |
| 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. | <ul style="list-style-type: none">Provides good adhesionHigh opacityReduces tannin bleed | <ul style="list-style-type: none">Non blocking formulaReduces mould growthExcellent clarity | |
| Application | Dip, flowcoat | Dip, flowcoat, spray | Spray, brush | |

Coating system recommendations

Site finished systems

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

Translucent Finish



| | 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 | Water based exterior semi-penetrating oil or stain | | |
| Key features | Helps to protect against growth of mould, fungus and blue stain. | <ul style="list-style-type: none">Will not blister, flake or peelReduces mould growthResists stain absorption, dirt and dust adhesion | | |
| Application | Dip, flowcoat | Spray, brush, lambswool applicator | | |

Opaque Finish



| | 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. | <ul style="list-style-type: none">Will not blister, flake or peelSuperior tannin blockingDirt & mould resistant | | |
| Application | Dip, flowcoat | Spray, brush, roller | | |

www.dulux.co.nz

www.intergrain.co.nz

www.accoya.com

**For more information call 0800 800 424 or
contact your local sales representative.**

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Intergrain Timber Finishes. 1956 Dandenong Rd, Clayton VIC Australia 3168



Dulux Aquanamel Semi Gloss on New Accoya [Exterior]









NZ_SD11356





| Description |
|---|
| The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber joinery. |

| Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN AND BARE TIMBER SEALING All end grain, faces, rebates and behind all hardware and hinges must be coated with at least the first 2 coats of your chosen coating system prior to exposure and installation.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

| Coating System Summary | |
|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDD1593: Dulux 1 Step Acrylic Primer Sealer & Undercoat |
| 3rd Coat: | NZDD1028: Dulux Aquanamel Semi Gloss |
| 4th Coat: | NZDD1028: Dulux Aquanamel Semi Gloss |
| Please refer to the coating system details below | |

| Coating System | | | |
|-------------------------------------|--|-------------------|--|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| Recoat Time ** | | Min | Max |
| | | 2 hours | |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |

| | | | |
|-------------------------------------|--|-------------------|--|
| Coat Type: | 2nd Coat | Datasheet: | NZDD1593 Dulux 1 Step Acrylic Primer Sealer & Undercoat |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 71 |
| Recoat Time ** | | 2 Hours | 29 |
| Coating Application Details: | <p>Brush, roller, conventional or airless spray. NOTE: Spray application is not recommended for priming timber surfaces. Stir contents thoroughly before and during use.</p> <p>Apply direct from the can. May be applied to dampened surfaces. If applied over dry, porous surfaces, dampen surface before applying.</p> <p>BRUSH: Wet brushes with water prior to use to avoid clogging. Apply a full even coat direct from the container. Under hot conditions it may be necessary to thin with up to 100ml per litre of clean water.</p> <p>ROLLER: Using a medium nap roller apply a full even coat direct from the container and finish by light parallel strokes with a dry roller.</p> <p>AIRLESS/CONVENTIONAL SPRAY: Suitable for application by all standard spray equipment. If necessary thin with up to 100ml per litre of water to aid atomisation.</p> | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDD1028 Dulux Aquanamel Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 2 hours | 23 |
| Coating Application Details: | <p>Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Apply two coats of Dulux Aquanamel Semi Gloss ensuring that the first coat is completely dry before applying the second.</p> <p>Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application.</p> <p>Brush / Roller : Apply a full even coat direct from the can. Pre wet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved.</p> <p>Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation.</p> | | |

| | | | |
|-------------------------------------|---|-------------------|-------------------------------------|
| Coat Type: | 4th Coat | Datasheet: | NZDD1028 Dulux Aquanamel Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 2 hours | Indefinite |
| Coating Application Details: | <p>Brush, roller, conventional and airless spray</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Apply two coats of Dulux Aquanamel Semi Gloss ensuring that the first coat is completely dry before applying the second.</p> <p>Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application.</p> <p>Brush / Roller : Apply a full even coat direct from the can. Pre wet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved.</p> <p>Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation.</p> | | |
| Coating System Notes: | <p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> | | |

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The data provided within the Duspec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating/product systems.

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Please note that this document is only valid for 60 days from the date of issue.

DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Dulux Aquanamel Gloss on New Accoya [Exterior]









NZ_SD11357





| Description |
|---|
| The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber joinery. |

| Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN AND BARE TIMBER SEALING All end grain, faces, rebates and behind all hardware and hinges must be coated with at least the first 2 coats of your chosen coating system prior to exposure and installation.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

| Coating System Summary | |
|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDD1593: Dulux 1 Step Acrylic Primer Sealer & Undercoat |
| 3rd Coat: | NZDD1027: Dulux Aquanamel Gloss |
| 4th Coat: | NZDD1027: Dulux Aquanamel Gloss |
| Please refer to the coating system details below | |

| Coating System | | | |
|-------------------------------------|--|-------------------|--|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| Recoat Time ** | | Min | Max |
| | | 2 hours | |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |

| | | | |
|-------------------------------------|--|-------------------|--|
| Coat Type: | 2nd Coat | Datasheet: | NZDD1593 Dulux 1 Step Acrylic Primer Sealer & Undercoat |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 71 |
| Recoat Time ** | | 2 Hours | 29 |
| Coating Application Details: | <p>Brush, roller, conventional or airless spray. NOTE: Spray application is not recommended for priming timber surfaces. Stir contents thoroughly before and during use.</p> <p>Apply direct from the can. May be applied to dampened surfaces. If applied over dry, porous surfaces, dampen surface before applying.</p> <p>BRUSH: Wet brushes with water prior to use to avoid clogging. Apply a full even coat direct from the container. Under hot conditions it may be necessary to thin with up to 100ml per litre of clean water.</p> <p>ROLLER: Using a medium nap roller apply a full even coat direct from the container and finish by light parallel strokes with a dry roller.</p> <p>AIRLESS/CONVENTIONAL SPRAY: Suitable for application by all standard spray equipment. If necessary thin with up to 100ml per litre of water to aid atomisation.</p> | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDD1027 Dulux Aquanamel Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 2 hours | Indefinite |
| Coating Application Details: | <p>Brush, roller, conventional and airless spray. Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Apply two coats of Dulux Aquanamel Gloss ensuring that the first coat is completely dry before applying the second.</p> <p>Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application.</p> <p>Brush / Roller : Apply a full even coat direct from the can. Prewet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved.</p> <p>Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation.</p> | | |

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|------------------------------|--|---|---|---|-------------|
| Coat Type: | 4th Coat | | Datasheet: | NZDD1027 Dulux Aquanamel Gloss | |
| Application Methods: |  |  |  |  | |
| Air Spray | | Airless Spray | Brush | Roller | |
| Theoretical Spread Rate * | | | Min | Max | Recommended |
| Wet Film Per Coat (microns) | | | | | 16 |
| Dry Film Per Coat (microns) | | | | | 62 |
| Recoat Time ** | | | 2 hours | Indefinite | 23 |
| Coating Application Details: | <p>Brush, roller, conventional and airless spray.</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Apply two coats of Dulux Aquanamel Gloss ensuring that the first coat is completely dry before applying the second.</p> <p>Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application.</p> <p>Brush / Roller : Apply a full even coat direct from the can. Prewet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved.</p> <p>Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation.</p> | | | | |
| Coating System Notes: | <p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> | | | | |

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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Dulux Aquanamel Gloss on New Accoya [Exterior]












NZ_SD11358

| Description |
|---|
| The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber joinery. |

| Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN AND BARE TIMBER SEALING All end grain, faces, rebates and behind all hardware and hinges must be coated with at least the first 2 coats of your chosen coating system prior to exposure and installation.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

| Coating System Summary | |
|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDD1594: Dulux 1 Step Oil Based Primer Sealer & Undercoat |
| 3rd Coat: | NZDD1027: Dulux Aquanamel Gloss |
| 4th Coat: | NZDD1027: Dulux Aquanamel Gloss |
| Please refer to the coating system details below | |

| Coating System | | | |
|-------------------------------------|---|-----------------------|--|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| Recoat Time ** | | Min 2 hours | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |

| | | | |
|-------------------------------------|--|-------------------|--|
| Coat Type: | 2nd Coat | Datasheet: | NZDD1594 Dulux 1 Step Oil Based Primer Sealer & Undercoat |
| Application Methods: |    Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 60 |
| Recoat Time ** | | 16 Hours | 30 |
| Coating Application Details: | <p>Brush, roller, or conventional spray.</p> <p>Stir well with a broad, flat paddle, using an up and down scooping action. Apply by brush one even coat of Dulux 1 Step Oil Based Primer Sealer Undercoat to all bare and sanded timber. Brush well into end grain, cracks, joints and nail holes, etc. Fill imperfections with flexible wood filler, sand smooth and dust down. Finally, spot prime the filled areas.</p> <p>Thinning is not usually required however under hot conditions or on porous surfaces, application may be eased by thinning with up to 50ml of mineral turpentine per litre.</p> | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDD1027 Dulux Aquanamel Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 2 hours | Indefinite |
| Coating Application Details: | <p>Brush, roller, conventional and airless spray.</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Apply two coats of Dulux Aquanamel Gloss ensuring that the first coat is completely dry before applying the second.</p> <p>Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application.</p> <p>Brush / Roller : Apply a full even coat direct from the can. Prewet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved.</p> <p>Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation.</p> | | |
| Coat Type: | 4th Coat | Datasheet: | NZDD1027 Dulux Aquanamel Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 2 hours | Indefinite |
| Coating Application Details: | <p>Brush, roller, conventional and airless spray.</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Apply two coats of Dulux Aquanamel Gloss ensuring that the first coat is completely dry before applying the second.</p> <p>Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application.</p> <p>Brush / Roller : Apply a full even coat direct from the can. Prewet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved.</p> <p>Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation.</p> | | |
| Coating System Notes: | <p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> | | |

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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Dulux Aquanamel Semi Gloss on New Accoya [Exterior]












NZ_SD11359

| Description |
|---|
| The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber joinery. |

| Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN AND BARE TIMBER SEALING All end grain, faces, rebates and behind all hardware and hinges must be coated with at least the first 2 coats of your chosen coating system prior to exposure and installation.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

| Coating System Summary | |
|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDD1594: Dulux 1 Step Oil Based Primer Sealer & Undercoat |
| 3rd Coat: | NZDD1028: Dulux Aquanamel Semi Gloss |
| 4th Coat: | NZDD1028: Dulux Aquanamel Semi Gloss |
| Please refer to the coating system details below | |

| Coating System | | | |
|-------------------------------------|--|-------------------|---|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| Recoat Time ** | | Min | Max |
| | | 2 hours | Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |

| | | | |
|-------------------------------------|---|-------------------|--|
| Coat Type: | 2nd Coat | Datasheet: | NZDD1594 Dulux 1 Step Oil Based Primer Sealer & Undercoat |
| Application Methods: |    Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 60 |
| Recoat Time ** | | 16 Hours | 30 |
| Coating Application Details: | <p>Brush, roller, or conventional spray.</p> <p>Stir well with a broad, flat paddle, using an up and down scooping action. Apply by brush one even coat of Dulux 1 Step Oil Based Primer Sealer Undercoat to all bare and sanded timber. Brush well into end grain, cracks, joints and nail holes, etc. Fill imperfections with flexible wood filler, sand smooth and dust down. Finally, spot prime the filled areas.</p> <p>Thinning is not usually required however under hot conditions or on porous surfaces, application may be eased by thinning with up to 50ml of mineral turpentine per litre.</p> | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDD1028 Dulux Aquanamel Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 2 hours | Indefinite |
| Coating Application Details: | <p>Brush, roller, conventional and airless spray</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Apply two coats of Dulux Aquanamel Semi Gloss ensuring that the first coat is completely dry before applying the second.</p> <p>Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application.</p> <p>Brush / Roller : Apply a full even coat direct from the can. Pre wet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved.</p> <p>Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation.</p> | | |
| Coat Type: | 4th Coat | Datasheet: | NZDD1028 Dulux Aquanamel Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 2 hours | Indefinite |
| Coating Application Details: | <p>Brush, roller, conventional and airless spray</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Apply two coats of Dulux Aquanamel Semi Gloss ensuring that the first coat is completely dry before applying the second.</p> <p>Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application.</p> <p>Brush / Roller : Apply a full even coat direct from the can. Pre wet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved.</p> <p>Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation.</p> | | |
| Coating System Notes: | <p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> | | |

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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Dulux Super Enamel Gloss on New Accoya [Exterior]












NZ_SD11360

| Description |
|---|
| The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber joinery. |

| Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN AND BARE TIMBER SEALING All end grain, faces, rebates and behind all hardware and hinges must be coated with at least the first 2 coats of your chosen coating system prior to exposure and installation.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

| Coating System Summary | |
|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDD1594: Dulux 1 Step Oil Based Primer Sealer & Undercoat |
| 3rd Coat: | NZDD0779: Dulux Super Enamel Gloss |
| 4th Coat: | NZDD0779: Dulux Super Enamel Gloss |
| Please refer to the coating system details below | |

| Coating System | | | |
|-------------------------------------|--|-----------------------|---|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| Recoat Time ** | | Min 2 hours | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |

| | | | |
|-------------------------------------|---|-------------------|--|
| Coat Type: | 2nd Coat | Datasheet: | NZDD1594 Dulux 1 Step Oil Based Primer Sealer & Undercoat |
| Application Methods: |    Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 60 |
| Recoat Time ** | | 16 Hours | 30 |
| Coating Application Details: | Brush, roller, or conventional spray. Stir well with a broad, flat paddle, using an up and down scooping action. Apply by brush one even coat of Dulux 1 Step Oil Based Primer Sealer Undercoat to all bare and sanded timber. Brush well into end grain, cracks, joints and nail holes, etc. Fill imperfections with flexible wood filler, sand smooth and dust down. Finally, spot prime the filled areas. Thinning is not usually required however under hot conditions or on porous surfaces, application may be eased by thinning with up to 50ml of mineral turpentine per litre. | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDD0779 Dulux Super Enamel Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16.1 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 16 Hours | Indefinite |
| Coating Application Details: | Brush, roller, conventional or airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. Brush/Roller: Apply two full coats to the prepared surface. Thin if necessary with up to 50ml of Mineral Turpentine. Airless/Contentional Spray: Suitable for application by all standard spray equipment. If necessary thin with up to 100 ml/litre of Mineral Turpentine. | | |
| Coat Type: | 4th Coat | Datasheet: | NZDD0779 Dulux Super Enamel Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16.1 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 16 Hours | Indefinite |
| Coating Application Details: | Brush, roller, conventional or airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. Brush/Roller: Apply two full coats to the prepared surface. Thin if necessary with up to 50ml of Mineral Turpentine. Airless/Contentional Spray: Suitable for application by all standard spray equipment. If necessary thin with up to 100 ml/litre of Mineral Turpentine. | | |
| 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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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Dulux Aquanamel Semi Gloss on New Accoya [Exterior]

NZ_SD11533

Description








The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber joinery. While this specification calls for a Semi Gloss finish, please note that this is also available in a Gloss finish if preferred.





Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN SEALING All end grain and cuts must be sealed with Teknos Aquaprimer 2907.</p> <p>BARE TIMBER If bare timber is exposed (for example, when filling nail holes and sanding), it must be treated with Teknos Aquaprimer 2907.</p> <p>SLIP SHEETING Slip sheeting is recommended between the timber layers after coating when stacking to avoid blocking. Ensure timber is fully covered with the slip sheet between layers.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

Coating System Summary

| | |
|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDD1532: Dulux Professional Quick Dry Primer Surfacer |
| 3rd Coat: | NZDD1028: Dulux Aquanamel Semi Gloss |
| 4th Coat: | NZDD1028: Dulux Aquanamel Semi Gloss |
| Please refer to the coating system details below | |

| Coating System | | | |
|------------------------------|--|----------------|--|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| | Recoat Time ** | Min 2 hours | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |
| Coat Type: | 2nd Coat | Datasheet: | NZDD1532 Dulux Professional Quick Dry Primer Surfacers |
| Application Methods: |  Air Spray  Airless Spray  Brush  Roller | | |
| | Theoretical Spread Rate * | Min 7.1 | Max 7.1 |
| | Wet Film Per Coat (microns) | 141 | 141 |
| | Dry Film Per Coat (microns) | 55 | 55 |
| | Recoat Time ** | 16 Hr | Indefinite |
| Coating Application Details: | Brush, roller, or spray Airless spray advice: Tip size: 0.015-0.017" Pressure: 2200-2800 Stir thoroughly before and during use with a broad flat paddle using an upward lifting motion. Apply by brush, roller, or spray. Thin with up to 50mL of mineral turpentine per litre if necessary. | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDD1028 Dulux Aquanamel Semi Gloss |
| Application Methods: |  Air Spray  Airless Spray  Brush  Roller | | |
| | Theoretical Spread Rate * | Min | Max |
| | Wet Film Per Coat (microns) | | Recommended |
| | Dry Film Per Coat (microns) | | 16 |
| | Recoat Time ** | 2 hours | Indefinite |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action. Apply two coats of Dulux Aquanamel Semi Gloss ensuring that the first coat is completely dry before applying the second. Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application. Brush / Roller : Apply a full even coat direct from the can. Pre wet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved. Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation. | | |

| | | | |
|-------------------------------------|---|-------------------|-------------------------------------|
| Coat Type: | 4th Coat | Datasheet: | NZDD1028 Dulux Aquanamel Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 62 |
| Recoat Time ** | | 2 hours | Indefinite |
| Coating Application Details: | <p>Brush, roller, conventional and airless spray</p> <p>Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action.</p> <p>Apply two coats of Dulux Aquanamel Semi Gloss ensuring that the first coat is completely dry before applying the second.</p> <p>Thinning is not normally required, but if the conditions are hot and windy, up to 50mL per litre of Dulux Hot Weather Thinners may be added to ease application.</p> <p>Brush / Roller : Apply a full even coat direct from the can. Pre wet brushes and rollers with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than three minutes. Poor quality or worn brushes and rollers can affect the final finish achieved.</p> <p>Conventional / Airless Spray : Suitable for application by conventional or airless spray equipment. Up to 100mL per litre of water may be added for application by conventional spray and up to 30mL per litre of water for airless spray to aid atomisation.</p> | | |
| Coating System Notes: | <p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> | | |

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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Teknos AQUAPRIMER 2907 Treatment on New Accoya [Exterior]
NZ_SW10862
Description










The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber surfaces. While this specification calls for a Semi Gloss finish, please note that this is also available in a Gloss and Low Sheen finish if preferred.





Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN SEALING All end grain and cuts must be sealed with Teknos Aquaprimer 2907 and coated with Dulux 1 Step Primer water based or your chosen finishing coat.</p> <p>BARE TIMBER If bare timber is exposed (for example, when filling nail holes and sanding), it must be treat with Teknos Aquaprimer 2907 then primed with Dulux 1 Step primer followed by the finishing coats.</p> <p>SLIP SHEETING It is a requirement to slip sheet between the timber layers after coating when stacking to avoid blocking. Ensure timber is fully covered with the a slip sheet between the layers.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

Coating System Summary

| | |
|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDD1593: Dulux 1 Step Acrylic Primer Sealer & Undercoat |
| 3rd Coat: | NZDD0790: Dulux Weathershield X10 Semi Gloss |
| 4th Coat: | NZDD0790: Dulux Weathershield X10 Semi Gloss |
| Please refer to the coating system details below | |

| Coating System | | | |
|------------------------------|--|----------------|---|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| | Recoat Time ** | Min 2 hours | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |
| Coat Type: | 2nd Coat | Datasheet: | NZDD1593 Dulux 1 Step Acrylic Primer Sealer & Undercoat |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | Theoretical Spread Rate * Wet Film Per Coat (microns) Dry Film Per Coat (microns) Recoat Time ** | Min 2 Hours | Max Indefinite Recommended 16 71 29 |
| Coating Application Details: | Factory applied to all faces and edges. Can be site applied with brush, roller, conventional or airless spray. NOTE: Spray application is not recommended for priming timber surfaces. Stir contents thoroughly before and during use. Apply direct from the can. May be applied to dampened surfaces. If applied over dry, porous surfaces, dampen surface before applying. BRUSH: Wet brushes with water prior to use to avoid clogging. Apply a full even coat direct from the container. Under hot conditions it may be necessary to thin with up to 100ml per litre of clean water. ROLLER: Using a medium nap roller apply a full even coat direct from the container and finish by light parallel strokes with a dry roller. AIRLESS/CONVENTIONAL SPRAY: Suitable for application by all standard spray equipment. If necessary thin with up to 100ml per litre of water to aid atomisation. | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDD0790 Dulux Weathershield X10 Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | Theoretical Spread Rate * Wet Film Per Coat (microns) Dry Film Per Coat (microns) Recoat Time ** | Min 2 Hours | Max Indefinite Recommended 16 63 25 |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Apply two generous coats of Weathershield X10. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to assist application. Use a short nap roller. Avoid excessive brushing or rolling back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of water to aid atomisation. | | |

| | | | |
|-------------------------------------|--|-------------------|---|
| Coat Type: | 4th Coat | Datasheet: | NZDD0790 Dulux Weathershield X10 Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 63 |
| Recoat Time ** | | 2 Hours | Indefinite |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Apply two generous coats of Weathershield X10. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to assist application. Use a short nap roller. Avoid excessive brushing or rolling back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of water to aid atomisation. | | |
| 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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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Teknos AQUAPRIMER 2907 Treatment on New Accoya [Exterior]
NZ_SW10873
Description

The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber surfaces. While this specification calls for a Semi Gloss finish, please note that this is also available in a Gloss and Low Sheen finish if preferred.










Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN SEALING All end grain and cuts must be sealed with Teknos Aquaprimer 2907 and coated with Dulux 1 Step Primer water based or your chosen finishing coat.</p> <p>BARE TIMBER If bare timber is exposed (for example, when filling nail holes and sanding), it must be treat with Teknos Aquaprimer 2907 then primed with Dulux 1 Step primer followed by the finishing coats.</p> <p>SLIP SHEETING It is a requirement to slip sheet between the timber layers after coating when stacking to avoid blocking. Ensure timber is fully covered with the a slip sheet between the layers.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

Coating System Summary

| | |
|------------------|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDD0790: Dulux Weathershield X10 Semi Gloss |
| 3rd Coat: | NZDD0790: Dulux Weathershield X10 Semi Gloss |
| 4th Coat: | NZDD0790: Dulux Weathershield X10 Semi Gloss |

Please refer to the coating system details below

| Coating System | | | |
|------------------------------|---|----------------|---|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| | Recoat Time ** | Min 2 hours | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |
| Coat Type: | 2nd Coat | Datasheet: | NZDD0790 Dulux Weathershield X10 Semi Gloss |
| Application Methods: |  Air Spray  Airless Spray  Brush  Roller | | |
| | Theoretical Spread Rate * | Min | Max |
| | Wet Film Per Coat (microns) | | Recommended |
| | Dry Film Per Coat (microns) | | 16 |
| | Recoat Time ** | 2 Hours | 63 |
| | | | 25 |
| Coating Application Details: | Apply to all faces and edges. Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Apply two generous coats of Weathershield X10. Apply three coats on all unpainted surfaces. For Weathershield X10 True Red, Bold Yellow, Blue, Orange and Extra Bright bases, to ensure excellent durability it is essential to apply a first coat of Dulux Prepcoat 1 Step Acrylic Primer Sealer Undercoat prior to the application of two topcoats of Weathershield X10. However, if the surface is previously painted in a pale colour and is in sound condition no primer is required. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to assist application. Use a short nap roller. Avoid excessive brushing or rolling back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of water to aid atomisation. | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDD0790 Dulux Weathershield X10 Semi Gloss |
| Application Methods: |  Air Spray  Airless Spray  Brush  Roller | | |
| | Theoretical Spread Rate * | Min | Max |
| | Wet Film Per Coat (microns) | | Recommended |
| | Dry Film Per Coat (microns) | | 16 |
| | Recoat Time ** | 2 Hours | 63 |
| | | | 25 |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Apply two generous coats of Weathershield X10. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to assist application. Use a short nap roller. Avoid excessive brushing or rolling back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of water to aid atomisation. | | |

| | | | |
|-------------------------------------|--|-------------------|---|
| Coat Type: | 4th Coat | Datasheet: | NZDD0790 Dulux Weathershield X10 Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 63 |
| Recoat Time ** | | 2 Hours | Indefinite |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Apply two generous coats of Weathershield X10. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to assist application. Use a short nap roller. Avoid excessive brushing or rolling back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of water to aid atomisation. | | |
| 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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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Teknos AQUAPRIMER 2907 Treatment on New Accoya [Exterior]
NZ_SW10996
Description










The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber surfaces. While this specification calls for a Semi Gloss finish, please note that this is also available in a Gloss and Low Sheen finish if preferred. This specification is intended to work alongside NZ_SW10898, for site application.





Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN SEALING All end grain and cuts must be sealed with Teknos Aquaprimer 2907 then coated with Dulux Weathershield X10.</p> <p>BARE TIMBER If bare timber is exposed (for example, when filling nail holes and sanding), it must be treated with Teknos Aquaprimer 2907 then coated with Dulux Weathershield X10.</p> <p>SLIP SHEETING It is a requirement to slip sheet between the timber layers after coating when stacking to avoid blocking. Ensure timber is fully covered with the slip sheet between layers.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

Coating System Summary

| | |
|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDD1532: Dulux Professional Quick Dry Primer Surfacer |
| 3rd Coat: | NZDD0790: Dulux Weathershield X10 Semi Gloss |
| 4th Coat: | NZDD0790: Dulux Weathershield X10 Semi Gloss |
| Please refer to the coating system details below | |

| Coating System | | | |
|------------------------------|--|----------------|---|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| | Recoat Time ** | Min 2 hours | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |
| Coat Type: | 2nd Coat | Datasheet: | NZDD1532 Dulux Professional Quick Dry Primer Surfacer |
| Application Methods: |  Air Spray  Airless Spray  Brush  Roller | | |
| | Theoretical Spread Rate * | Min 7.1 | Max 7.1 |
| | Wet Film Per Coat (microns) | 141 | 141 |
| | Dry Film Per Coat (microns) | 55 | 55 |
| | Recoat Time ** | 16 Hr | Indefinite |
| Coating Application Details: | Brush, roller, or spray Airless spray advice: Tip size: 0.015-0.017" Pressure: 2200-2800 Stir thoroughly before and during use with a broad flat paddle using an upward lifting motion. Apply by brush, roller, or spray. Thin with up to 50mL of mineral turpentine per litre if necessary. | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDD0790 Dulux Weathershield X10 Semi Gloss |
| Application Methods: |  Air Spray  Airless Spray  Brush  Roller | | |
| | Theoretical Spread Rate * | Min | Max |
| | Wet Film Per Coat (microns) | | Recommended |
| | Dry Film Per Coat (microns) | | 16 |
| | Recoat Time ** | 2 Hours | Indefinite |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Apply two generous coats of Weathershield X10. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to assist application. Use a short nap roller. Avoid excessive brushing or rolling back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of water to aid atomisation. | | |

| | | | |
|-------------------------------------|--|-------------------|---|
| Coat Type: | 4th Coat | Datasheet: | NZDD0790 Dulux Weathershield X10 Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 63 |
| Recoat Time ** | | 2 Hours | Indefinite |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Apply two generous coats of Weathershield X10. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to assist application. Use a short nap roller. Avoid excessive brushing or rolling back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of water to aid atomisation. | | |
| 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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Teknos AQUAPRIMER 2907 Treatment on New Accoya [Exterior]

NZ_SW10898

Description




The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber surfaces. While this specification calls for a Semi Gloss finish, please note that this is also available in a Gloss and Low Sheen finish if preferred.









Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN SEALING All end grain and cuts must be sealed with Teknos Aquaprimer 2907 then coated with Dulux Weathershield X10.</p> <p>BARE TIMBER If bare timber is exposed (for example, when filling nail holes and sanding), it must be treated with Teknos Aquaprimer 2907 then coated with Dulux Weathershield X10.</p> <p>SLIP SHEETING It is a requirement to slip sheet between the timber layers after coating when stacking to avoid blocking. Ensure timber is fully covered with the slip sheet between layers.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

Coating System Summary

| | |
|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDI1608: Dulux Solvent Borne Machine Primer |
| 3rd Coat: | NZDI1608: Dulux Solvent Borne Machine Primer |
| 4th Coat: | NZDD0790: Dulux Weathershield X10 Semi Gloss |
| 5th Coat: | NZDD0790: Dulux Weathershield X10 Semi Gloss |
| Please refer to the coating system details below | |

| Coating System | | | |
|------------------------------|--|----------------|---|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| | Recoat Time ** | Min 2 hours | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |
| Coat Type: | 2nd Coat | Datasheet: | NZDI1608 Dulux Solvent Borne Machine Primer |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | Theoretical Spread Rate * | Min | Max |
| | Wet Film Per Coat (microns) | | Recommended |
| | Dry Film Per Coat (microns) | | 14 |
| | Recoat Time ** | 12 Hours | 6 Months |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action. Brush/Roller: Apply one coat to the prepared surface. Thinning if necessary with up to 50 ml/litre of Mineral Turpentine. Airless/Conventional Spray: Suitable for application by all standard spray equipment. If necessary thin with mineral turpentine up to 30 ml per litre for airless and 125 ml per litre for conventional spray. | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDI1608 Dulux Solvent Borne Machine Primer |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | Theoretical Spread Rate * | Min | Max |
| | Wet Film Per Coat (microns) | | Recommended |
| | Dry Film Per Coat (microns) | | 14 |
| | Recoat Time ** | 12 Hours | 6 Months |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer using an upward lifting action. Brush/Roller: Apply one coat to the prepared surface. Thinning if necessary with up to 50 ml/litre of Mineral Turpentine. Airless/Conventional Spray: Suitable for application by all standard spray equipment. If necessary thin with mineral turpentine up to 30 ml per litre for airless and 125 ml per litre for conventional spray. | | |

| | | | |
|-------------------------------------|--|-------------------|--|
| Coat Type: | 4th Coat | Datasheet: | NZDD0790 Dulux Weathershield X10 Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 63 |
| Recoat Time ** | | 2 Hours | Indefinite |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Apply two generous coats of Weathershield X10. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to assist application. Use a short nap roller. Avoid excessive brushing or rolling back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of water to aid atomisation. | | |
| Coat Type: | 5th Coat | Datasheet: | NZDD0790 Dulux Weathershield X10 Semi Gloss |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16 |
| Dry Film Per Coat (microns) | | | 63 |
| Recoat Time ** | | 2 Hours | Indefinite |
| Coating Application Details: | Brush, roller, conventional and airless spray Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action. BRUSH/ROLLER Soak brush and roller in water before starting and use while still slightly damp. Apply two generous coats of Weathershield X10. Under hot or windy conditions, up to 100ml DULUX Hot Weather Thinner may be added per litre to assist application. Use a short nap roller. Avoid excessive brushing or rolling back into paint which has been drying some minutes. AIRLESS & CONVENTIONAL SPRAY Suitable for application by all standard spray equipment. If necessary thin with up to 100ml/litre of water to aid atomisation. | | |
| 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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The data provided within the Duspec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating/product systems.

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Please note that this document is only valid for 60 days from the date of issue.

DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Intergrain Natural Stain on New Accoya [Exterior]

NZ_SW11531

Description

The following specification has been prepared specifically for Timspec for coating new Accoya

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 harsh New Zealand 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 And 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. |
| 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 3 - 5% 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.</p> <p>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> <p>END GRAIN SEALING All end grain and cuts must be sealed with Teknos Aquaprimer 2907 and coated with at least 1 coat of Intergrain NaturalStain prior to installation.</p> <p>BARE TIMBER If bare timber is exposed (for example, when filling nail holes and sanding), it must be treated with Teknos Aquaprimer 2907 then coated with Intergrain NaturalStain.</p> <p>SLIP SHEETING It is a requirement to slip sheet between the timber layers after coating when stacking to avoid blocking. Ensure timber is fully covered with the slip sheet between the layers.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos 2907 and at least one coat of Intergrain NaturalStain is applied to all faces and end grain.</p> |
| Additional Notes: | <p>Three coats will be required in extreme conditions such as full sun exposure, around pools and in humid areas.</p> <p>Note: Teknos Aquaprimer 2907 must be tinted.</p> |

Coating System Summary

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|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDW1062: Intergrain Natural Stain |
| 3rd Coat: | NZDW1062: Intergrain Natural Stain |
| Please refer to the coating system details below | |

| Coating System | | | |
|------------------------------|--|------------|---|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Dip or flow (saturation) coat | | |
| Recoat Time ** | | Min 120 | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. Note: Teknos Aquaprimer 2907 must be tinted. | | |
| Coat Type: | 2nd Coat | Datasheet: | NZDW1062 Intergrain Natural Stain |
| Application Methods: |  Air Spray  Brush  Pad | | |
| Theoretical Spread Rate * | | Min | Max |
| Wet Film Per Coat (microns) | | | Recommended |
| Dry Film Per Coat (microns) | | | 9 |
| Recoat Time ** | | 2 Hours | 111 |
| | | | 35 |
| Coating Application Details: | <p>Brush, Spray or Applicator Pad</p> <p>SPREADING RATES Rough Sawn Timber: 6-8 m2/L Sawn Timber: 8-10 m2/L Dressed Timber: 10-12 m2/L</p> <p>The first coat on porous or rough sawn timbers will penetrate further and require more stain than the second coat.</p> <p>Note: Timber colour and species will influence the final appearance of semi-transparent stains. Test on a small area or off cut for colour suitability before use.</p> <p>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 harsh New Zealand 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.</p> <p>Stir thoroughly before and during use with a flat blade stirrer. If the project requires more than one can of NaturalStain, mix all cans together in one large container to achieve colour uniformity. For a slip resistant surface on stairs, ramps and wet areas, add Intergrain UltraGrip™* additive into each coat of NaturalStain. To ease application and achieve the best possible finish when coating large areas or in warm conditions, add Intergrain Hot Weather Additive™* to NaturalStain according to label instructions.</p> <p>Test a small area to ensure satisfaction with the colour and finish before staining the whole project. Use natural breaks in the deck to define the area. Apply two coats of NaturalStain, allowing two hours drying between coats.</p> <p>Apply NaturalStain using a quality brush, lambswool applicator (dressed timber only) 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 staining large areas, such as decking and weatherboards, stain no more than three boards at a time. Complete an entire length or continue to a natural break such as a window. Wait two 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 and in humid areas, when applying direct to new bare damp timber, and may be required on porous timbers. Note: If applying direct to new bare damp timber in extreme conditions, four coats will be required. One coat is normally sufficient for interior timber. A second coat would only be required to achieve greater depth of colour and greater protection.</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>NaturalStain is also appropriate for use on interior exposed beams, window frames and skirting boards and can be overcoated with Intergrain UltraClear Interior Gloss or Satin. One coat is normally sufficient for interior timber. A second coat would only be required to achieve greater depth of colour and greater protection. For a Gloss or Satin finish for interior applications overcoat with UltraClear Interior. Note: UltraClear is not suitable for coating areas subject to foot traffic. For hardwearing interior areas overcoat with INTERGRAIN Ultrafloor.</p> | | |

MAINTENANCE

Conduct routine 12 monthly maintenance inspections.

Best protection of the timber and ease of maintenance is ensured if NaturalStain is recoated before deterioration of the coating and timber underneath occurs. First indications of the need for recoating will be observed as patchiness or discolouration on edges and areas where insufficient product has been applied. If small areas of timber have weathered through to cause deterioration of the coating, clean area thoroughly with Intergrain Reviva, sand and recoat as for bare timber. For large weathered areas, remove existing NaturalStain coating back to bare timber. This can be done with power washing, or sanding. Coat as for bare timber.

To recoat NaturalStain which is in good condition, simply clean the surface with Intergrain Reviva and apply one coat of NaturalStain.

SLIP RESISTANT FINISH

A slip resistant finish can be obtained by applying the following system:

- 2 coats of NaturalStain, with 5% Intergrain UltraGrip added to each coat.

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



When using UltraGrip, do not sand between coats.

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

Wet slip resistance produces a coefficient of friction of 0.59. For further information on slip resistance please contact customer services on 0800 800 424.

| | | | | |
|------------------------------|--|------------|-----------------------------------|-------------|
| Coat Type: | 3rd Coat | Datasheet: | NZDW1062 Intergrain Natural Stain | |
| Application Methods: | <div>  </div> <div>Air Spray Brush Pad</div> | | | |
| | | Min | Max | Recommended |
| Theoretical Spread Rate * | | | | 9 |
| Wet Film Per Coat (microns) | | | | 111 |
| Dry Film Per Coat (microns) | | | | 35 |
| Recoat Time ** | | 2 Hours | Indefinite | |
| Coating Application Details: | <div>Brush, Spray or Applicator Pad</div> <div>SPREADING RATES Rough Sawn Timber: 6-8 m2/L Sawn Timber: 8-10 m2/L Dressed Timber: 10-12 m2/L</div> <div>The first coat on porous or rough sawn timbers will penetrate further and require more stain than the second coat.</div> <div>Note: Timber colour and species will influence the final appearance of semi-transparent stains. Test on a small area or off cut for colour suitability before use.</div> <div>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 harsh New Zealand 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.</div> <div>Stir thoroughly before and during use with a flat blade stirrer. If the project requires more than one can of NaturalStain, mix all cans together in one large container to achieve colour uniformity. For a slip resistant surface on stairs, ramps and wet areas, add Intergrain UltraGrip™* additive into each coat of NaturalStain. To ease application and achieve the best possible finish when coating large areas or in warm conditions, add Intergrain Hot Weather Additive™* to NaturalStain according to label instructions.</div> <div>Test a small area to ensure satisfaction with the colour and finish before staining the whole project. Use natural breaks in the deck to define the area. Apply two coats of NaturalStain, allowing two hours drying between coats.</div> <div>Apply NaturalStain using a quality brush, lambswool applicator (dressed timber only) 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 staining large areas, such as decking and weatherboards, stain no more than three boards at a time. Complete an entire length or continue to a natural break such as a window. Wait two hours to dry and apply a second coat. If necessary, sand lightly between coats to remove any raised grain.</div> <div>Three coats will be required in extreme conditions such as full sun exposure, around pools and in humid areas, when applying direct to new bare damp timber, and may be required on porous timbers. Note: If applying direct to new bare damp timber in extreme conditions, four coats</div> | | | |

will be required. One coat is normally sufficient for interior timber. A second coat would only be required to achieve greater depth of colour and greater protection.
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.

NaturalStain is also appropriate for use on interior exposed beams, window frames and skirting boards and can be overcoated with Intergrain UltraClear Interior Gloss or Satin. One coat is normally sufficient for interior timber. A second coat would only be required to achieve greater depth of colour and greater protection. For a Gloss or Satin finish for interior applications overcoat with UltraClear Interior.
Note: UltraClear is not suitable for coating areas subject to foot traffic. For hardwearing interior areas overcoat with INTERGRAIN Ultrafloor.

MAINTENANCE

Conduct routine 12 monthly maintenance inspections.

Best protection of the timber and ease of maintenance is ensured if NaturalStain is recoated before deterioration of the coating and timber underneath occurs. First indications of the need for recoating will be observed as patchiness or discolouration on edges and areas where insufficient product has been applied. If small areas of timber have weathered through to cause deterioration of the coating, clean area thoroughly with Intergrain Reviva, sand and recoat as for bare timber. For large weathered areas, remove existing NaturalStain coating back to bare timber. This can be done with power washing, or sanding. Coat as for bare timber.

To recoat NaturalStain which is in good condition, simply clean the surface with Intergrain Reviva and apply one coat of NaturalStain.

SLIP RESISTANT FINISH

A slip resistant finish can be obtained by applying the following system:

- 2 coats of NaturalStain, with 5% Intergrain UltraGrip added to each coat.

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

When using UltraGrip, do not sand between coats.

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

Wet slip resistance produces a coefficient of friction of 0.59. For further information on slip resistance please contact customer services on 0800 800 424.

| | |
|------------------------------|---|
| Coating System Notes: | <p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> |
|------------------------------|---|

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.
- Do not apply paint if the temperature is below 10°C or likely to fall below 10°C during the drying period.
- This specification must be read in conjunction with the appropriate technical data sheets.

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The data provided within the Duspec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating/product systems.

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Please note that this document is only valid for 60 days from the date of issue.

DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Intergrain UltraDeck on New Accoya [Exterior]

NZ_SW11529

Description

The following specification has been prepared specifically for Timspec for the coating of new Accoya Timber Decking

Intergrain UltraDeck is an extremely long lasting, water based oil for decking and exterior timber. UltraDeck contains unique Hydroguard technology[®] to guard timber against harsh 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 And Substrate Preparation





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|-------------------------------------|--|
| 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. |
| 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 3 - 5% 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.</p> <p>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> <p>END GRAIN SEALING All end grain and cuts must be sealed with Teknos Aquaprimer 2907 and coated with at least 1 coat of Intergrain UltraDeck prior to installation.</p> <p>BARE TIMBER If bare timber is exposed (for example, when filling nail holes and sanding), it must be treated with Teknos Aquaprimer 2907 then coated with Intergrain UltraDeck.</p> <p>SLIP SHEETING It is a requirement to slip sheet between the timber layers after coating when stacking to avoid blocking. Ensure timber is fully covered with the slip sheet between the layers.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos 2907 and at least one coat of Intergrain UltraDeck is applied to all faces and end grain.</p> |
| Additional Notes: | <p>Three coats will be required in extreme conditions such as full sun exposure, around pools and in humid areas.</p> <p>Note: Teknos Aquaprimer 2907 must be tinted</p> |

Coating System Summary

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|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDW1653: Intergrain UltraDeck |
| 3rd Coat: | NZDW1653: Intergrain UltraDeck |
| Please refer to the coating system details below | |

| Coating System | | | |
|------------------------------|--|------------|---|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Dip or flow (saturation) coat | | |
| | Recoat Time ** | Min 120 | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. Note: Teknos Aquaprimer 2907 must be tinted | | |

| | | | |
|-------------------------------------|--|-------------------|--------------------------------------|
| Coat Type: | 2nd Coat | Datasheet: | NZDW1653 Intergrain UltraDeck |
| Application Methods: |     Air Spray Airless Spray Brush Pad | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 12 |
| Dry Film Per Coat (microns) | | | 83 |
| Recoat Time ** | | 4 hours | 18 |
| Coating Application Details: | <p>Brush, Spray & Applicator Pad</p> <p>SPREADING RATES For Softwood: Approximately 10-12 m²/L For Hardwood: Approximately 12-14 m²/L</p> <p>Do not apply by roller.</p> <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. For a slip resistant surface on stairs, ramps and wet areas, add Intergrain UltraGrip™* additive into each coat of UltraDeck. 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. 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 Conduct a routine 12 monthly maintenance inspection. Best protection of the timber and ease of maintenance is ensured if UltraDeck is recoated before deterioration of the coating and timber underneath occurs. First indication of the need for recoating will be observed as patchiness or discolouration on edges and areas where insufficient product has been applied. To apply a maintenance coat to a surface which is in good condition, clean the surface with Reviva and apply one coat of UltraDeck. 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 A slip resistant finish can be obtained by applying the following system: - 2 coats of UltraDeck, with 5% UltraGrip added to each coat. When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal. When using UltraGrip, do not sand between coats. 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 When the system described above is applied, the resultant finish achieves the following slip rating:</p> <p>Wet slip resistance produces a coefficient of friction of 0.59. For further information on slip resistance please contact customer services on 0800 800 424.</p> | | |

| | | | |
|---|--|---|-------------------------------|
| Coat Type: | 3rd Coat | Datasheet: | NZDW1653 Intergrain UltraDeck |
| Application Methods: |     Air Spray Airless Spray Brush Pad | | |
| Theoretical Spread Rate * Wet Film Per Coat (microns) Dry Film Per Coat (microns) Recoat Time ** | | Min Max Recommended 12 83 18 4 hours | |
| Coating Application Details: | <p>Brush, Spray & Applicator Pad</p> <p>SPREADING RATES For Softwood: Approximately 10-12 m²/L For Hardwood: Approximately 12-14 m²/L</p> <p>Do not apply by roller.</p> <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. For a slip resistant surface on stairs, ramps and wet areas, add Intergrain UltraGrip™* additive into each coat of UltraDeck. 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. 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 Conduct a routine 12 monthly maintenance inspection. Best protection of the timber and ease of maintenance is ensured if UltraDeck is recoated before deterioration of the coating and timber underneath occurs. First indication of the need for recoating will be observed as patchiness or discolouration on edges and areas where insufficient product has been applied. To apply a maintenance coat to a surface which is in good condition, clean the surface with Reviva and apply one coat of UltraDeck. 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 A slip resistant finish can be obtained by applying the following system: - 2 coats of UltraDeck, with 5% UltraGrip added to each coat. When UltraGrip is added, the sheen or gloss level of the resultant coating will be lower than normal. When using UltraGrip, do not sand between coats. 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 When the system described above is applied, the resultant finish achieves the following slip rating:</p> <p>Wet slip resistance produces a coefficient of friction of 0.59. For further information on slip resistance please contact customer services on 0800 800 424.</p> | | |
| Coating System Notes: | <p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> | | |

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.
- Do not apply paint if the temperature is below 10°C or likely to fall below 10°C during the drying period.
- This specification must be read in conjunction with the appropriate technical data sheets.

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DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118

Teknos AQUAPRIMER 2907 Treatment on New Accoya [Exterior]
NZ_SW10888
Description








The following specification has been prepared specifically for Timspec for the painting of new Accoya Timber Decking.








Substrate And 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 mould and fungus. |
| 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 3 - 5% 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.</p> <p>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.</p> <p>REPAIR SURFACE IMPERFECTIONS Fill nail holes, cracks and other defects with a suitable wood filler and allow to dry thoroughly. A two part epoxy filler, such as Selleys Knead It Aqua, is required.</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> <p>END GRAIN SEALING All end grain and cuts must be sealed with Teknos Aquaprimer 2907 and coated with Dulux 1 Step Primer water based or your chosen finishing coat.</p> <p>BARE TIMBER If bare timber is exposed (for example, when filling nail holes and sanding), it must be treat with Teknos Aquaprimer 2907 then primed with Dulux 1 Step primer followed by the finishing coats.</p> <p>SLIP SHEETING It is a requirement to slip sheet between the timber layers after coating when stacking to avoid blocking. Ensure timber is fully covered with the a slip sheet between the layers.</p> <p>EXPOSURE Timber should not be exposed to the weather until the Accoya has been coated with Teknos2907 and the primer coat.</p> |

Coating System Summary

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|--|--|
| 1st Coat: | NZ_DW02081: Teknos AQUAPRIMER 2907 Treatment |
| 2nd Coat: | NZDI1269: Dulux Ultraprime Machine Primer - Waterbased |
| 3rd Coat: | NZDI1269: Dulux Ultraprime Machine Primer - Waterbased |
| 4th Coat: | NZDD1268: Dulux Timbacryl Low Sheen |
| 5th Coat: | NZDD1268: Dulux Timbacryl Low Sheen |
| Please refer to the coating system details below | |

| Coating System | | | |
|------------------------------|---|-----------------------|---|
| Coat Type: | 1st Coat | Datasheet: | NZ_DW02081 Teknos AQUAPRIMER 2907 Treatment |
| Application Methods: |  Other Factory applied using by a dip or flow (saturation) coat to all faces and edges. Further AQUAPRIMER 2907 can be applied on site with a brush saturation coat to any bare timber. | | |
| | Recoat Time ** | Min 2 hours | Max Recommended |
| Coating Application Details: | This product is delivered ready for use. Stir well before use. | | |
| Coat Type: | 2nd Coat | Datasheet: | NZDI1269 Dulux Ultraprime Machine Primer - Waterbased |
| Application Methods: |    Air Spray Airless Spray Other Vacuum line coating | | |
| | Theoretical Spread Rate * | Min 20 | Max 13 Recommended 16 |
| | Wet Film Per Coat (microns) | 50 | 75 63 |
| | Dry Film Per Coat (microns) | 22 | 32 27 |
| | Recoat Time ** | 10 minutes | Indefinite |
| Coating Application Details: | Factory applied. Can be applied by vacuum coater, conventional and airless spray. Stir contents thoroughly before and during use. Airless/Conventional Spray: Ready for use. Vacuum coating: Ready for use. | | |
| Coat Type: | 3rd Coat | Datasheet: | NZDI1269 Dulux Ultraprime Machine Primer - Waterbased |
| Application Methods: |    Air Spray Airless Spray Other Vacuum line coating | | |
| | Theoretical Spread Rate * | Min 20 | Max 13 Recommended 16 |
| | Wet Film Per Coat (microns) | 50 | 75 63 |
| | Dry Film Per Coat (microns) | 22 | 32 27 |
| | Recoat Time ** | 10 minutes | Indefinite |
| Coating Application Details: | Factory applied. Can be applied by vacuum coater, conventional and airless spray. Stir contents thoroughly before and during use. Airless/Conventional Spray: Ready for use. Vacuum coating: Ready for use. | | |

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|-------------------------------------|--|-------------------|---|
| Coat Type: | 4th Coat | Datasheet: | NZDD1268 Dulux Timbacryl Low Sheen |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16.4 |
| Dry Film Per Coat (microns) | | | 61 |
| Recoat Time ** | | 2 Hours | 25 |
| Coating Application Details: | <p>Brush, roller, conventional or airless spray. Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action.</p> <p>Brush/Roller: Apply full even coats direct from the container. Under hot and very windy conditions up to 100 ml of DULUX Hot Weather Thinner may be added per litre to ease application.</p> <p>Airless/Conventional Spray: Suitable for application by all standard spray equipment. Apply wet even coats. If necessary thin with up to 100 ml of water per litre to aid atomisation.</p> <p>If required True Grip may be added to the final coat to aid slip resistance.</p> | | |
| Coat Type: | 5th Coat | Datasheet: | NZDD1268 Dulux Timbacryl Low Sheen |
| Application Methods: |     Air Spray Airless Spray Brush Roller | | |
| | | Min | Max |
| Theoretical Spread Rate * | | | Recommended |
| Wet Film Per Coat (microns) | | | 16.4 |
| Dry Film Per Coat (microns) | | | 61 |
| Recoat Time ** | | 2 Hours | 25 |
| Coating Application Details: | <p>Brush, roller, conventional or airless spray. Stir contents thoroughly before and during use with a broad flat stirrer, using an upward lifting action.</p> <p>Brush/Roller: Apply full even coats direct from the container. Under hot and very windy conditions up to 100 ml of DULUX Hot Weather Thinner may be added per litre to ease application.</p> <p>Airless/Conventional Spray: Suitable for application by all standard spray equipment. Apply wet even coats. If necessary thin with up to 100 ml of water per litre to aid atomisation.</p> <p>If required True Grip may be added to the final coat to aid slip resistance.</p> | | |
| Coating System Notes: | <p>* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness.</p> <p>** Recoat times are quotes for 25°C and 50% relative humidity, these may vary under different conditions.</p> | | |

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