

wattyl®

FORESTWOOD

EXTERIOR TIMBER PROTECTION



Exterior timber stains, varnish and oils designed for New Zealand conditions.



Preparation & application

Before you commence your project of finishing exterior timber, it is important that you prepare the surfaces properly. We recommend using Watty Forestwood Deck & Timber Cleaner/Brightener. The Cleaner/Brightener is a highly effective cleaner designed to rejuvenate greying timber, remove surface mould, grime and naturally occurring tannins. This product prepares the timber allowing stains or oils to be better absorbed.

STEP 1

Weathering of new timber

Allow any new dense or resinous timbers such as Jarrah, Teak, Kwila, Cypress Pine and other hardwood timbers to weather for 4-6 weeks before staining.

Allow new LOSP (Light Organic Solvent Preservative) Treated Pine to weather for 2 weeks prior to application.

If the timber has a shiny 'dressed' surface or patches on the surface from the timber production process, sand using 150 grit sandpaper or allow to weather for 2 weeks to improve adhesion and penetration of the stain.

STEP 2

Colour and product choice

Decide on the product and colour you would like. To help you we have 250mL test pots available in select products.

Choose an off-cut piece of timber and apply the product in exactly the same way, with the same number of coats, as you will on the actual surface.

STEP 3

Surface preparation

Ensure timber is clean, dry and free from dirt, grease, oil and other contaminants. Galvanised nails should be used to avoid rust stains.

If mould is present remove as much mould growth as possible by scraping and stiff brushing. Use Watty Forestwood Deck & Timber Cleaner/Brightener following the label instructions, rinsing thoroughly and allowing to dry.

STEP 4

Application

Stir the chosen Watty Forestwood product thoroughly before and occasionally during use to ensure a uniform colour. For added colour consistency mix and box all cans on the site before use.

For Traditional Oil Stain, Aquatech & Decking Stain apply one coat worked well into the timber using a good quality brush. Rough sawn timbers may require a second coat, but generally one coat is sufficient. For new work a second coat should be applied after the first summer's weathering. For Water Based Decking Stain, Aquatech Decking Oil, ProDeck Oil and Deck & Furniture Oil apply 2 coats for new work. For Varnish Stain apply 3 coats.

Resist the temptation to apply excess oil or stain. To be effective stains and oils must penetrate the timber, not remain on the surface. Excessive applications of oil or stain can create a varnished look that may lead to premature failure.



Care and maintenance suggestions for exterior stained timber



Caring

Exterior stained timber will benefit from yearly washing of the surface to remove surface contaminants. Use a mild cleaning agent, following label instructions.

It is not recommended to use high pressure water blasting on timber surfaces.

Maintenance

Regular maintenance of finished timber surfaces is important. Because it is a natural product, timber requires regular attention to prevent the onset of changes that can ultimately lead to deterioration. The timber type, finish, colour chosen and the customer's expectations are all involved in setting the maintenance cycle.

- The stated time for first maintenance is the expected period within which a northerly facing wall will begin to show signs of needing repair.
- The subsequent maintenance period is based on the ongoing requirement of the same wall for continued attention to maintain an acceptable appearance.
- Stains and oils are designed to penetrate the timber. Application of excess stain or oil will form a layer on the surface, giving no benefit and may ultimately peel off. It is recommended that when maintaining stained or oiled timber, the exposed, weathered areas are spot stained or oiled on the bare parts, allowed to dry, then one full coat applied over the whole area. This avoids the excessive build-up of stain or oil on the sheltered areas.

The table below is the expected maintenance period for stains. Dark colours will attract more heat and the interval between restaining may be reduced. For oils the maintenance cycle will be shorter.

Timber Type	Initial Maintenance	Subsequent Maintenance
Cedar dressed face board	12 - 18 months	18 - 36 month intervals
Cedar band-sawn face board	18 - 24 months	24 - 48 month intervals
Pine dressed face board	18 - 36 months	36 - 48 month intervals
Pine band-sawn face board	18 - 36 months	36 - 48 month intervals

Photographic and printed images may not represent the true colour. The final appearance of transparent and semi-transparent stains may be affected by many factors such as timber type and condition. This brochure should be used as an indicative guide only.

The quick
and easy way
to select
New Zealand's
best selling
exterior stain

ADVANCED PERFORMANCE

Wattyl
Forestwood
ProDeck Oil

Wattyl Forestwood ProDeck is a high quality transparent water-based decking oil for exterior decks and timber surfaces.



Wattyl
Forestwood
Varnish Stain

A transparent stain and varnish in one which produces a subtle satin finish whilst still showing the timber's natural grain.



Wattyl
Forestwood
Aquatech
Decking Oil
(water based)

A revolutionary low odour, water based decking oil that produces a subtle transparent finish to enhance the timber's natural grain.



Bare timber – new or old	✓	✓	✓
Weathered timber (oil stained)			
Timber weatherboards			
Gates	✓	✓	✓
Pergolas	✓	✓	✓
Fences	✓		✓
Retaining walls			
Exterior rough sawn timber	✓		✓
Timber decking – new or old	✓	✓	✓
Windows		✓	
Shutters		✓	
Outdoor furniture	✓	✓	✓
Doors	✓	✓	
Handrails	✓	✓	✓

Why do we stain or oil wood?

Staining or oiling enhances the timber grain, maintaining a natural look, whilst protecting the wood. Staining is recommended on new or previously stained or oiled rough sawn or suitably prepared dressed timber (see page 1, step 1).

Stains and oils provide protection against UV light. Though stained or oiled timber requires more frequent maintenance than painted timber, stains and oils are easier to maintain than a paint coating.

Benefits of water based stains and oil

Low odour, low solvent content – reduced impact on the environment, combines penetrating properties of a stain with the durability of an acrylic for advanced weather resistance.



Wattyl Forestwood Traditional Oil Stain (turpentine based)

An oil-rich penetrating stain that adds colour and protects whilst allowing the grain to show.
All available in convenient 250mL colour test pots to confirm your colour choice.

Wattyl Forestwood Aquatech Oil Stain (water clean up)

An easy-to-use water thinned oil stain that washes up in water – no turpentine smell. All available in convenient 250mL colour test pots.

Wattyl Forestwood Water Based Decking Stain

Wattyl Forestwood Water Based Decking Stain is very easy to apply and clean up whilst minimising odours, providing high levels of UV protection and advanced weather resistance as well as mould and fungus resisting properties.
Projects can be completed in one day using this product.

Wattyl Forestwood Decking Stain (turpentine based)

An oil-rich penetrating stain that adds colour and protection whilst allowing the grain to show.

Wattyl Forestwood Deck and Furniture Oil (turpentine based)

Wattyl Deck and Furniture Oil helps protect and enhance the natural beauty of timber decks and garden furniture. It will highlight the grain and natural texture of your timber.

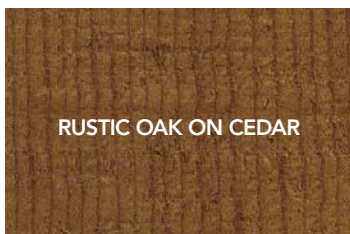


Timber comparison

Same stain, different timber



RUSTIC OAK ON PINE



RUSTIC OAK ON CEDAR

Each product type will give you a very different look and feel with varying levels of maintenance.



Oils

Oils are recommended for use when you want to achieve a transparent finish which adds a rich sheen to the timber. Oils allow the timber tone and grain to show through the finish. They protect timber by reducing the effects of water and sunlight. Oils require regular levels of maintenance (as a guide, every 6-12 months).



Stains

Stains achieve a semi-transparent finish which add colour while still highlighting the natural grain. They are recommended when you want to subtly change the colour of the timber. Previously painted surfaces cannot be stained. Stains require moderate levels of maintenance (as a guide, every 1-3 years). However stains are easier to maintain than a paint coating.



Paints

Paints achieve a solid colour finish which shows the texture but hides the grain of the timber. It is recommended for adding colour to any timber surface. Paint offers the highest levels of protection from the elements and requires low levels of maintenance (as a guide, every 5-7 years).



Wattyl Forestwood Deck & Timber Cleaner/Brightener



- REJUVENATES GREYING TIMBER
- PREPARES TIMBER FOR COATING
- EASY TO USE
- WATER BASED

A highly effective cleaner designed to rejuvenate greying timber and to prepare timber surfaces before applying a topcoat. Forestwood Deck & Timber Cleaner/Brightener removes surface mould, grime and naturally occurring tannins. It is suitable for restoring all exterior wood work.

- Characteristics:** Cleans and rejuvenates exterior timber surfaces prior to applying a topcoat
- Use on:** Decks, outdoor timber furniture, weather boards, gates, fences and BBQ trolleys
- Apply with:** Stiff brush
- Rinse off:** 15-20mins
- Clean up:** Water
- Coverage:** 4-8m² per litre when diluted
- Pack Size:** 4L, 1L



CHOOSING THE RIGHT PRODUCT

ADVANCED PERFORMANCE



Watty Forestwood ProDeck Oil

ADVANCED PERFORMANCE



Utilising Watty's 3x Advanced Performance you can achieve:

3x longer – lasts up to 3 times longer than traditional decking oils: with

3-way protection – moisture, UV light, mould and fungus

3x faster – up to 3 times faster job completion when compared to traditional decking oils.

Characteristics: Watty Forestwood ProDeck is a high quality transparent water-based decking oil for exterior decks and timber surfaces.

Use on: Ideal for timber decks, steps, pergolas, screens, gates, fences and outdoor timber furniture. Suitable for use on exterior bare timbers or over similar weathered oil or stain finishes.

Apply with: Brush or applicator

Touch dry: 15-30 minutes

Recoat: 15-30 minutes wet on wet, or after 2 hours

Clean up: Water

Coverage: Up to 10m² per litre

Number of Coats: 2

Pack Size: 10L, 5L, 1L



Watty Forestwood Varnish Stain

ADVANCED PERFORMANCE



A transparent stain and varnish in natural timber tones with a subtle satin finish suitable for exterior walk on surfaces. Forestwood Varnish Stain provides the benefits of both a stain and a hard wearing varnish in a single product. It seals and protects the timber from the elements using 3 way UV protection which resists timber discolouration and deterioration.

Characteristics: A transparent stain and varnish in one which produces a subtle satin finish whilst still showing the timber's natural grain.

Use on: Decks, doors, pergolas, handrails, gates, screens and outdoor furniture

Apply with: Brush, applicator or spray gun

Touch dry: 2 hours

Recoat: 24 hours

Clean up: Turps

Coverage: Up to 12m² per litre

Number of Coats: 3 Coats

Pack Size: 4L, 1L





Wattyl Forestwood Aquatech Decking Oil (Water based)



Revolutionary low odour water based decking oil with advanced Hybrid Technology. This gives the benefit of the penetrating properties of an oil with the user friendliness of an acrylic. It resists mould and fungus, it is water repellent and is easy to apply and dries quickly with easy water clean up.

Characteristics: Wattyl Forestwood Aquatech Decking Oil is a revolutionary low odour, water based decking oil that produces a subtle transparent finish to enhance the timber's natural grain.

Use on: Decks, steps, pergolas, screens, gates, fences and outdoor furniture

Apply with: Brush or applicator

Touch dry: 15-30 minutes

Recoat: 15-30 minutes wet on wet, or after 2 hours

Clean up: Water

Coverage: Up to 10m² per litre

Number of Coats: 2

Pack Size: 10L, 5L, 1L



RESISTS MOULD AND FUNGUS



UV PROTECTION



WATER REPELLENT



EASY TO RECOAT



WALK ON SURFACES



Wattyl Forestwood Deck and Furniture Oil (Turpentine based)



Wattyl Forestwood Deck And Furniture Oil offers advanced UV protection and water repellent properties to reduce discolouration and deterioration of the timber. Works equally well on decks and outdoor furniture.

Characteristics: Deck And Furniture Oil helps protect and enhance the natural beauty of timber decks and garden furniture, highlighting the grain and natural texture of your timber.

Use on: Exterior timber decks and outdoor timber furniture in new or good condition

Apply with: Brush or applicator

Touch dry: 4-8 hours

Recoat: 24 hours minimum

Clean up: Mineral turpentine

Coverage: Up to 4-12m² per litre

Number of coats: 2

Pack size: 10L, 5L, 1L



RESISTS MOULD AND FUNGUS



UV PROTECTION



WATER REPELLENT



EASY TO RECOAT



WALK ON SURFACES

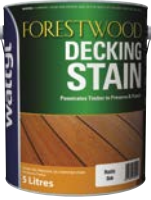


TURPS CLEAN UP

CHOOSING THE RIGHT PRODUCT



Wattyl Forestwood Decking Stain (Turpentine based)



Wattyl Forestwood decking stains are penetrating wood stains, adding colour while highlighting the natural grain of your timber. Wattyl Forestwood decking stains are very easy to apply and provide high levels of UV protection and advanced weather resistance as well as mould and fungus resisting properties.



Characteristics: An oil-rich penetrating stain that adds colour and protection whilst allowing the grain to show. Decking Stain offers a number of standard colour stain options to suit your environment.

TIP: Use the Forestwood Traditional Oil Stain 250mL sample pots to confirm your colour choice.

Use on: Exterior timber decks, verandahs and pergolas in new or good condition

Apply with: Brush or applicator

Touch dry: 4-8 hours

Recoat: 24 hours minimum

Clean up: Mineral turpentine

Coverage: 4 -12m² per litre

Number of coats: 1-2

Pack size: 10L, 5L, 1L



Wattyl Forestwood Water Based Decking Stain



Wattyl Forestwood decking stains are penetrating wood stains, adding colour while highlighting the natural grain of your timber. Wattyl Forestwood decking stains are very easy to apply and provide high levels of UV protection and advanced weather resistance as well as mould and fungus resisting properties.

advanced weather resistance as well as mould and fungus resisting properties.



Characteristics: Water Based Decking Stain is very easy to apply and clean up whilst minimising odours, providing a high level of UV protection and advanced weather resistance as well as mould and fungus resisting properties. Projects can be completed in one day using this product.

Use on: Timber decks, steps, pergolas, screens, windows, gates and outdoor furniture

Apply with: Brush or applicator

Touch Dry: 15-30 minutes

Recoat: 15-30 minutes wet on wet or after 2 hours

Clean up: Water

Coverage: 6-12m² per litre

Number of coats: 2

Pack size: 10L, 5L, 1L



Wattyl Forestwood Aquatech Oil Stain (Water thinned)



A water-thinned oil stain for exterior timber weatherboards and pergolas in new or good condition. Wattyl Forestwood Aquatech is a semi-transparent oil stain that adds natural colour whilst penetrating the timber.

Available in a wide range of popular timber colours. Wattyl Forestwood Aquatech Oil Stain enhances the natural beauty of the timber, allowing the grain pattern to show through.



RESISTS MOULD AND FUNGUS



WATER REPELLENT



UV PROTECTION



EASY TO RECOAT



WATER CLEAN UP

Characteristics: An easy-to-use penetrating oil stain that washes up in water – no turpentine smell. Aquatech Oil Stain offers a number of colour stain options to suit your environment, all available in convenient 250mL colour test pots.

Use on: Bare timbers, weathered oil stain finishes, exterior timber weatherboards, gates, pergolas, fences, timber retaining walls. Ideal for rough sawn and weathered timber.

Apply with: Brush or applicator

Touch dry: 4-8 hours

Recoat: 24 hours minimum

Clean up: Water

Coverage: 4 -12m² per litre

Number of coats: 1-2

Pack size: 10L, 5L, 1L, 250mL



Wattyl Forestwood Traditional Oil Stain (Turpentine based)



Wattyl Forestwood Traditional Oil Stain adds colour to timber, but allows the grain to show through. Its oil-rich formula penetrates the timber to protect and enhance the colour. It is available in a range of popular timber colours. Wattyl

Forestwood Traditional Oil Stain dries completely to give a surface that won't mark clothing or skin.



RESISTS MOULD AND FUNGUS



WATER REPELLENT



UV PROTECTION



EASY TO RECOAT



TURPS CLEAN UP

Characteristics: An oil-rich penetrating stain that adds colour and protects whilst allowing the grain to show. Traditional Oil Stain offers a number of standard colour stain options to suit your environment, all available in convenient 250mL colour test pots to confirm your colour choice.

Use on: Bare timbers, weathered oil stain finishes, exterior timber weatherboards, gates, pergolas, fences, beams, timber retaining walls. Ideal for smooth and rough sawn timber.

Apply with: Brush or applicator

Touch Dry: 4-8 hours

Recoat: 24 hours minimum

Clean up: Mineral turpentine

Coverage: 4 -12m² per litre

Number of coats: 1-2

Pack size: 10L, 5L, 1L, 250mL

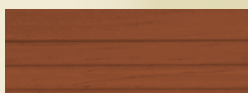
Wattyl Forestwood ProDeck Oil

Wattyl Forestwood ProDeck is a high quality transparent water-based decking oil for exterior decks and timber surfaces.

ProDeck Oil Colours



TRADITIONAL



REDWOOD



KWILA

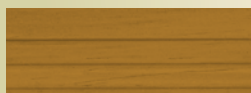
Printed images may not be a true representation of the actual colour. Stain colour will appear different on different timbers.



Wattyl Forestwood Varnish Stain

A transparent stain and varnish in one which produces a subtle satin finish whilst still showing the timber's natural grain.

Varnish Stain Colours



TRADITIONAL



KWILA

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Wattyl Forestwood Aquatech Decking Oil

Wattyl Forestwood Water-Based Oil is a revolutionary low odour, water based decking oil that produces subtle transparent finish to enhance the timber's natural grain.

Aquatech Decking Oil Colours



TRADITIONAL



REDWOOD



KWILA

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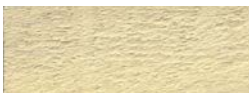
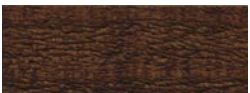



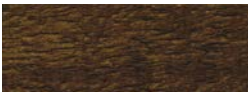






Wattyl Forestwood Aquatech

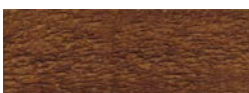















The water-based equivalent of Traditional Oil Stain. An easy-to-use, wash-up-in-water stain that enhances colour and provides protection for exterior surfaces such as rough sawn and weathered smooth timbers, weatherboards, beams, pergolas, gates, fences.



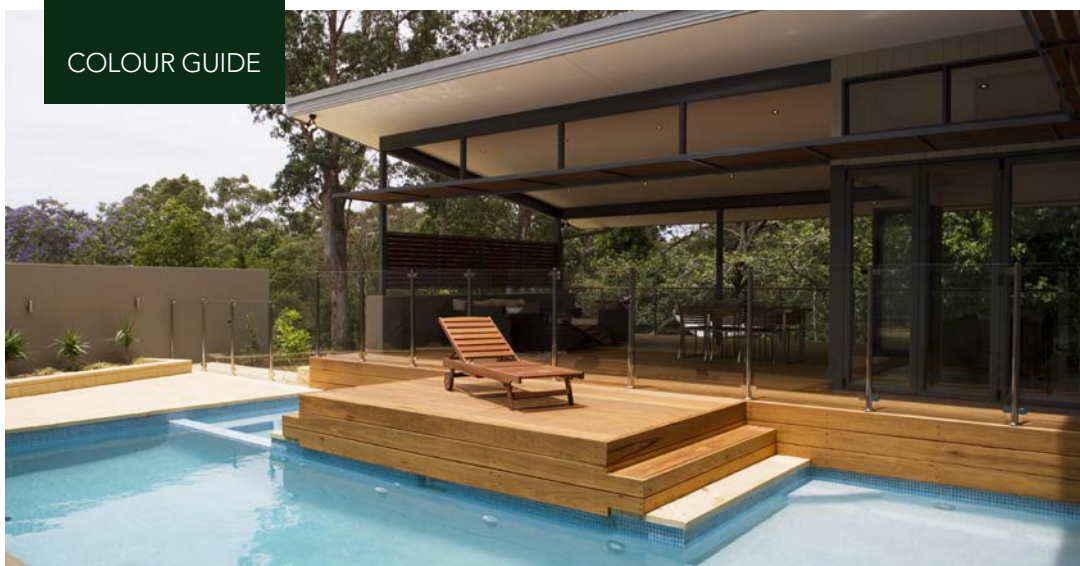
Aquatech Standard Colours

			
CEDAR	BLONDE	MISSION BROWN	RUSTIC OAK
			
PINEWOOD GREEN	CHARCOAL	BLACK BEAN	KOWHAI
			
LIQUID AMBER	REDWOOD	KELP	

Aquatech Tinted Colours

			
FAWN	KAURI	TEAK	
			
BUCKTHORN	OLD MAN'S BEARD	SANDSTONE	KWILA
			
BIRCH GREY	CORN	IRON BARK	WEATHERED CEDAR
			
MOUNTAIN ASH	RAIN FOREST	RED CEDAR	MANGROVE
			
NORFOLK PINE	DEEP OLIVE	KIWI	CAPERS

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Wattyl Forestwood Traditional Oil Stain

An oil-rich penetrating stain that adds colour whilst allowing the grain to show through. Recommended for rough sawn and weathered smooth timbers, weatherboards, beams, pergolas, gates, fences, windows.



Traditional Oil Standard Colours



CEDAR



BLONDE



MISSION BROWN



RUSTIC OAK



PINWOOD GREEN



CHARCOAL



BLACK BEAN



KOWHAI



LIQUID AMBER



REDWOOD

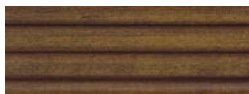
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Wattyl Forestwood Deck And Furniture Oil

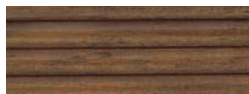
A penetrating oil that has been formulated to protect and enhance the natural beauty of garden furniture and timber decks. It is simple to apply and is resistant to fungus and mould.



NATURAL PINE



NATURAL TEAK



NATURAL KWILA



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Wattyl Forestwood Decking Stain

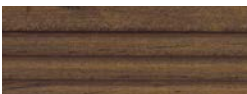
A penetrating oil based protective stain specifically for walk-on timber surfaces. Ideal for use on durable softwoods and close grained hardwoods used for decking.



RED KWILA



KOWHAI



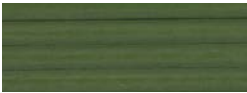
MISSION BROWN



RUSTIC OAK

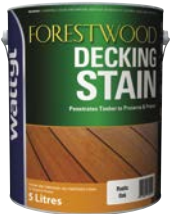


BLACK BEAN



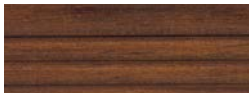
PINEWOOD GREEN

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Wattyl Forestwood Water Based Decking Stain

A penetrating water based protective stain specifically for walk-on timber surfaces. Ideal for use on durable softwoods and close grained hardwoods used for decking.



RED KWILA



KOWHAI



MISSION BROWN

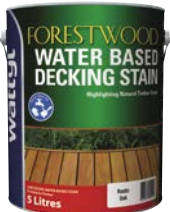


RUSTIC OAK



BLACK BEAN

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Equipment

There are a number of tools that are required to complete an exterior timber project. Some of the most common pieces of equipment that may be required are:

- Electric sander—doors and trim
- Sanding block
- Sandpaper with 120 and 240 grade finish
- Long handled scrubbing brush
- Quality paint brush
- Lambs wool or synthetic deck applicator or speed brush
- Turpentine for clean up of solvent-based product
- Water for clean up of water based product
- Rags for clean up

Exterior timber stains, varnish and oils designed for New Zealand conditions.



Note: The information concerning the use and application of these products is given in good faith and is subject to our standard terms and conditions of sale. We reserve the right to alter the product or specification without notice. Because we cannot control the way these products may be used or the conditions to which they may be exposed, we can give no express guarantees in respect of these products or their performance. However certain guarantees may be implied by law. Hempel (Wattyl) New Zealand Limited
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