

DRYDEN[®]

THE NATURAL CHOICE FOR YOUR TIMBER

WoodOil – Product Data Sheet

1. PRODUCT ATTRIBUTES

This product:

- is a migrating oil specifically formulated for cladding, shingles, and fencing.
- protects and highlights the timber's natural grain, while allowing the timber to weather naturally and silver over time.
- has water repelling properties that help prevent the absorption of water, thereby reducing excessive warping, cupping, and splitting of timber.
- has an added fungicide.
- does not film on the surface and will not crack, flake, or peel.
- is proudly made in New Zealand for New Zealand conditions.
- applies easily and rapidly.

Dryden Colourtone+

Dryden Colourtone+ can be added to the *Dryden WoodOil* 'Clear' base to provide UV protection to the timber and prevent the timber from silvering when maintained correctly.

As *Dryden WoodOil* (with a *Dryden Colourtone+* added) migrates into the timber away from the surface, the fullness of the colour chosen will develop - highlighting the timber's natural colour and grain.

For maximum colour retention, we recommend that the chosen *Dryden Colourtone+* colour be used in all applications of *Dryden Woodoil*.

We recommend that you check with the timber manufacturer or supplier to ensure there are no colour limitations on the timber profile or timber species to be coated.

Dryden Colourtones printed on paper, internet website, colour chips and liquid samples are a representative guide only, as the final finished colour is influenced by timber type, timber colour, timber exposure and the overage rate of the coating applied.

2. PRODUCT FINISH

When applied, this product will initially wet and darken the timber surface. This will subsequently subside as the coating migrates away from the timber surface and migrates into the timber, leaving a matt finish.

If too much product is applied, it will remain wet on the timber surface, as there is no space for the coating to migrate. Generally, the timber surface will lose its gloss (wet look) within 24 hours after application.

After application, the timber in uncovered areas (exposed environments) will weather naturally and silver over time and the timber in covered areas will retain its natural colour.

If a uniform silvered look is desired, we recommend using *Dryden Colourtone+* 'Slate' under eaves and doorways.

3. PRODUCT SUITABILITY

This product:

- is suitable for most hardwood species, such as Purpleheart, Garapa, Vitex, Kwila, Tonka, Rosewood, Iroko and Jarrah.
- is suitable for most softwood species, such as Radiata Pine, Macrocarpa, Western Red Cedar, Yellow Cedar, Larch, and Redwood.
- can be applied to other timber products, such as modified timber (e.g. thermal or acetylated), plywood and laminated timbers.
- can be applied to new and old timber.
- can be applied to dressed timbers and bandsawn timbers.
- is not recommended for hard-wearing surfaces, such as decking or furniture. For decking and outdoor furniture, we recommend *Dryden OilStain*.
- is not recommended for interior timber flooring, shelving, bathroom cabinets, kitchen cabinets or any area that requires regular cleaning and wiping. For these areas, we recommend *Dryden WoodMaster*.

4. COVERAGE RATES

Approximate coverage rates for this product are as follows:

Timber type	Coverage rate (m ² /litre)
New bandsawn plywood	6-8
Any restored timber (low density)	6-8
New bandsawn timber (low density)	8-10
New modified timber	8-12
New dressed timber (low density)	10-12

However, coverage rates may vary due to seasonal temperature, timber porosity, moisture content, timber type and previous coats applied. If applying a second coat or a maintenance recoat, the coverage rate will also vary based on timber exposure (covered areas/uncovered areas) and time frame between coats or since the last maintenance recoat was applied.

As new modified exterior timber and restored timber is often dryer than other timbers, the lower moisture level creates more space within the timber for the coating to migrate into, thereby requiring more product.

5. COATING SYSTEMS

Timber type	Coating system recommendation
New exterior timber	2-coat system First coat applied in-factory or on-site before installation Second coat applied after a minimum of 30 to 90 days after application of first coat
New interior timber	1-coat system Optional second coat only if required and only after a minimum of 30 to 90 days after application of first coat
Weathered or previously coated timber	2-coat system Second coat applied after a minimum of 3 to 6 months after application of first coat

The extended period between application of the first and second coat gives the first coat time to migrate away from the timber surface and migrate into the timber, leaving space for the second coat. If the first coat has not been given time to migrate away from the timber surface and migrate into the timber, the second coat will sit on the timber surface and look wet. The wet surface means the coating can stick to clothing and contaminants can stick to the coating.

The migration process only takes place if the timber is exposed after the first coat, and does not take place if the timber is wrapped or stacked face to face after application of the first coat. The migration process for exterior (but not exposed) timber is slower than the migration process for exterior (and exposed) timber. The migration process for interior timber is slower than the migration process for exterior timber. If the migration process is slower, the time between applying the first coat and the second coat should be longer.

For summer months with consistent temperatures between 17°C and 25°C, we recommend that the second coat be applied 30 days after application of the first coat, as the first coat will migrate faster into the timber away from the surface allowing space for the second coat. For winter months with consistent temperatures 12°C and 16°C, we recommend that the second coat be applied 90 days after application of the first coat, as the first coat will migrate slower into the timber away from the surface allowing space for the second coat.

For weathered or previously coated timber, we recommend the second coat be applied after a minimum of 3 to 6 months after application of the first coat to allow the first coat to fully migrate deep within the timber and to relax and rejuvenate the timber's structure. For weatherboards, we recommend the second coat be applied up to 9 months after application of the first coat to enable the weatherboard to flatten, protruding nails to be gently tapped in and the weatherboard to be pulled up tighter on the framing.

6. APPLICATION TOOLS

- **Speedbrush:** Preferred application method. A fine bristled speedbrush is recommended (not lambskin or long pile speedbrush).
- **Brush:** Preferred application method for uneven or rough surfaces. A wide good quality bristle brush is recommended.
- **Roller:** A medium nap roller is recommended.
- **Spray equipment:** Airless spray equipment is recommended.

7. TIMBER PROTECTION

Once timber is delivered to site, stack, cover and store the timber off the ground and in an environment that is

fully protected from rain, dust, grime, cement dust, metal filings and other site contaminants.

8. SEALING AND GLAZING REQUIREMENTS

We recommend a minimum of 7 days after application of any coat before applying sealants and adhesives. We recommend applying a prep clean and primer sealer to the coated timber in accordance with the manufacturer's specifications before applying the sealant and adhesive. Please consult with the sealant and adhesive manufacturer's data sheet for further information.

We recommend a minimum of 7 days after application of any coat before installing glazing. We recommend applying a prep clean and primer sealer to the coated timber in accordance with the manufacturer's specifications before installing the glazing. Please consult with the glazing manufacturer's data sheet for further information.

9. PRODUCT STORAGE

We recommend this product be stored together with like product, off the ground, in a dry and well-ventilated area and at a consistent and moderated temperature. We do not recommend this product being stored directly on concrete or cold surfaces or in damp and poorly ventilated areas. The container may flex if stored at inconsistent temperatures.

As this product is combustible, it must not be stored near heat or open flame.

Once opened and if stored correctly, this product has a storage life of approximately 24 months.

10. COATING ENVIRONMENT

The timber must be dry with moisture content less than 18%, and coated in an environment with the air temperature between 12°C and 25°C and the humidity <75%. If the air temperature is less than 12°C, this product becomes thicker and harder to apply and the migration process is slower and remains wet on the surface for longer.

If coating the timber in an enclosed environment, there must be adequate lighting and ventilation. If coating the timber in an exposed environment, there must be dry conditions with no expected rain for 6 to 8 hours. If coating the timber in an exposed environment, we recommend coating before winter.

11. SURFACE PREPARATION

If the surface is not prepared in accordance with the recommendations below, do not apply the coating until the surface is prepared in accordance with the recommendations in Section 16.

New timber

- **Dressed timber:** Sand to remove mill glaze. Sand linearly along the timber grain using up to 180 grit paper (for exterior timber) or 240 grit paper (for interior timber). Sand the full length of the timber. Do not sand in small areas. Sand lightly. Do not over sand. Sand to ensure timber is free from raised or woolly grain, planing burrs or other machining defects. After sanding, ensure all sanding dust is removed before coating.
- **Bandsawn timber:** Brush along the direction of the grain to remove dust, loose timber fibres and debris. After brushing, turn timber over and knock several times to ensure loose fibres fall off before coating.

Weathered timber

Before coating, carry out any restoration work, such as replacement of weatherboards, and carry out a strong wash on the timber in accordance with our care and maintenance instructions in Section 16.

Previously coated timber

Before coating, strip back any stain or polyurethane coatings to bare timber and carry out a strong wash on the timber in accordance with our care and maintenance instructions in Section 16 and ensuring any degraded loose product is removed. Never sand or scrape timber to remove stains, as that will result in patchy sanding or scraping marks on the timber surface that will show through after coating.

12. PERSONAL PROTECTION

When applying this product, we recommend you wear personal protective equipment, such as gloves, eye protection and face protection. If applying this product using spray equipment or in an enclosed area, we recommend you wear respiratory protection. After applying this product, we recommend you wash skin using detergent and hot water or mineral turpentine.

For further information, refer to our [Safety Data Sheet](#).

13. PRODUCT PREPARATION

This product must be used as supplied. Do not add thinners or alter it in any way. If more than one container is required, mix contents together.

Dryden Colourtone+

If adding and mixing in an enclosed environment, there must be adequate lighting and ventilation.

Before adding and mixing, check the *Dryden Colourtone+* colour against specification documents and colour samples.

Before opening the *Dryden Colourtone+* container, shake vigorously for 3 minutes and again check the *Dryden Colourtone+* colour against specification documents and colour samples.

Add the *Dryden Colourtone+* container contents to the *Dryden WoodOil* 'Clear' base container contents. Adding less *Dryden Colourtone+* contents, will result in less UV protection of the timber. If there is a small amount of *Dryden Colourtone+* still in the container after adding to *Dryden WoodOil* container, add a small amount of *Dryden WoodOil* to the *Dryden Colourtone+* container and re-shake vigorously then re-add the contents to the *Dryden WoodOil* container.

Mix the *Dryden WoodOil* with *Dryden Colourtone+* thoroughly until the colour is even and fully mixed before use.

If more than one container is required, mix contents together to ensure a consistent colour is achieved.

14. PRODUCT APPLICATION

General

As this product is combustible, it must not be applied near heat or open flame. During application, this product must be stirred regularly. This product must be applied in accordance with good coating practices and at the correct coverage rate. The surface must be coated linearly and in full lengths, one area at a time.

To ensure an optimal amount of product is applied to the timber surface and an even migration process, we recommend the adoption of a robust quality control and assurance process.

Dryden Colourtone+

During application, ensure contents are stirred regularly, as *Dryden Colourtone+* colour contents will separate from *Dryden WoodOil 'Clear'* base contents.

After application, ensure area is uniform in look and colour and free from defects.

First coat

The first coat must be applied to each timber surface, including faces, backs, edges, and ends, either in-factory or on-site before installation.

Immediately after applying the first coat, the timber must be racked or laid out on a back face, off the ground, in a clean and ventilated area and in an environment with the air temperature between 12°C and 25°C and the humidity <75%.

After 24 hours and if there is no gloss (wet look), the coating has fully migrated into the timber. The timber may then be stacked, covered, and stored off the ground and in an environment that is fully protected from rain, dust, grime, cement dust, metal filings and other site contaminants.

After 24 hours and if there is still a gloss (wet look), the coating has not fully migrated into the timber. The excess product may be drawn off with an unloaded speedbrush and by brushing linearly along the length of the timber and ensuring an even look and finish.

Only 1 coat is required for cut ends. After the first coat is applied to exposed cut ends, we recommend you apply *Dryden WaxEndSeal* to coat the exposed cut ends, such as beams, posts, and screens, in accordance with [Dryden WaxEndSeal Product Data Sheet](#) and no less than 7 days after application of the first coat.

For weatherboards, we recommend gently tapping in protruding nails before applying the second coat when the first coat has fully migrated within the timber and relaxed and rejuvenated the timber's structure. If the weatherboard becomes tight and provides resistance to being pulled up, stop to avoid splitting the weatherboard. Even after application of the first coat, the weatherboard may remain cupped.

Second coat

Timber type	Second coat recommendation
New timber Joinery, such as doors and sashes	After a minimum of 30 to 90 days after application of first coat
Interior timber Unexposed timber, such as sills, doors, sarking, and beams	Optional second coat only if required and only after a minimum of 30 to 90 days after application of first coat We recommend applying second coat as far apart from first coat as possible and reducing the amount applied for both coats to avoid saturating the timber surface.
Weathered or previously coated timber	After a minimum of 3 to 6 months after application of first coat

15. COMPATIBILITY WITH OTHER PRODUCTS

- **Chemically treated timber and bamboo:** This product is compatible with H1-H6 Hazard treatment coded timbers, provided they have no water-repellent properties. Please consult with the H1-H6 Hazard treatment coded timber manufacturer's data sheet for further information. This product is compatible with LOSP-treated timber (Light Organic Solvent Preservative), provided the chemicals and solvents in the treatment process have evaporated from the timber. Please consult with the LSOP timber manufacturer's data sheet for further information. This product is not compatible with bamboo or other grasses (Monocotyledons).
- **Rubber adhesives and butyl surfaces:** This product may affect rubber adhesives or butyl surfaces if not washed or wiped off immediately after contact. Please consult with the rubber adhesive manufacturer's data sheet for further information. If applied to wooden shingles, this product does not usually affect the butyl underlay. While most manufacturers use non-rubber-based glue, please consult with the wooden shingle manufacturer's data sheet for further information. If coating around butyl surfaces, keep surrounding surface protected and cleaned during and after application.
- **Absorbent materials, such as carpets:** If absorbent materials are required to be attached to the timber surface coated with this product, 'stripe' the mating surface or edge with a coat of compatible primer recommended by the absorbent material manufacturer to prevent cross diffusion into the porous substrate. Please consult with the absorbent material manufacturer's data sheet for further information.
- **Architectural hardware:** Carefully remove hardware before commencing application. If this product comes into contact with hardware that cannot be removed, immediately clean using detergent and hot water or mineral turpentine on a rag.
- **Rainwater harvesting:** Rainwater that comes into contact with timber coated with this product is not suitable for drinking.

16. CARE AND MAINTENANCE

We recommend a care and maintenance inspection and soft wash be carried out on the coated timber annually. For extreme or severe weather exposure, a care and maintenance inspection and soft wash may need to be carried out on the coated timber more regularly.

If the timber has not been cared and maintained in accordance with our recommendation as outlined above or where the timber is not new and has silvered, we recommend a strong wash be carried out on the timber before applying a maintenance recoat.

Dryden Colourtone+

If the colour is showing signs of chalking and fading, maintenance is required.

If the colour is showing signs of chalking and fading and the chalking and fading appears even and consistent (not patchy), we recommend a soft wash and maintenance recoat. The maintenance recoat will rejuvenate the surface and extend the UV attributes and cosmetic life.

For graffiti affected areas, we recommend a soft wash. If graffiti is still present, we recommend first applying a small amount of paint stripper to the affected area (once the timber is dry) in accordance with the paint stripper manufacturer's product data sheet, then applying a maintenance recoat of the product to the affected area.

Activity	Recommended action
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Soft wash	<p>The soft wash is intended to refresh the timber surface and remove surface contaminants, such as dirt, dust, and pollens. It is not intended to remove the silver patina.</p> <p>If washing above the roof line, disconnect down pipes before washing and rinse gutters and roof area after washing and before reconnecting down pipes.</p> <p>Use a hose with a rose head spray adaptor on the shower setting or water blaster with wide fan nozzle on the fine spray mist setting (at its lowest). Do not bring the spray mist less than 1.5 to 2 meters from the timber surface. Do not direct the head or nozzle too closely around window frames and door and other openings. Do not use pencil or turbo nozzles.</p> <p>Soak the timber surface, wait 5 minutes, then rinse the timber surface working from left to right along the length of the timber with long sweeping motions in the direction of the grain, feathering on and off at the end of each sweep of the area.</p> <p>If there is stubborn dirt and contaminates, use a soft brush (such as car wash brush) and a mild detergent to carefully remove. If the silver patina is being removed, soften the cleaning method. Do not use bleach to clean the surface.</p> <p>If there are mould or lichen spores on the timber surface, use a product to selectively kill the mould or lichen on the timber surface which will allow the weathering process to remove the dead growths through natural erosion and without damaging the silver patina.</p>
Care & maintenance inspection	<p>The care and maintenance inspection is intended to assist in early identification of weathering and deterioration.</p> <p>Inspect the timber surface area by area – both up close and from a distance. Up close, look at the timber surface. From a distance, look for general weathering and deterioration.</p> <p>Generally weathering or deterioration relates to a specific area based on building design and orientation and weather exposure, and not to the whole building.</p>
Strong wash	<p>The strong wash is intended to remove damaged timber cells, mould or lichen and other contaminants from the timber surface.</p> <p>If washing above the roof line, disconnect down pipes before washing and rinse gutters and roof area after washing and before reconnecting down pipes.</p> <p>For a strong wash, we recommend using <i>Dryden SurfaceCleaner</i> in accordance with the product data sheet for that product before applying a maintenance recoat.</p>

17. MAINTENANCE RECOATS

Generally, the requirement for a maintenance recoat will depend on the quality of the application of the initial coating system, building design and orientation, weather exposure and timber type and grain.

Timber type	Recommended maintenance recoat
Modified timber Thicker timber Dressed timber, such as exposed timber, joinery faces, frames, sashes and doors	Initial maintenance recoat: 1 coat applied 1 year after completion of the initial coating system. If a second coat is required, it must be no less than 30 to 90 days after application of the first coat Subsequent maintenance recoats: 1 coat applied up to 3 years after the initial coating system

Darker coloured timber	
Exterior timber <i>Dryden</i> WoodOil with <i>Dryden</i> Colourtone+ added	Up to 2 years after the initial coating system and only to exposed faces
Exterior timber <i>Dryden</i> WoodOil 'Clear'	Up to 3 years after initial coating system For high exposure areas, up to 2 years after initial coating system

18. TECHNICAL

- **Fire Rating:** Two coats of *Dryden* WoodOil coated on 18.5mm Western Red Cedar as Group 3 (NZBC) Test Report 7-599140-CO
- **Light Reflective Values (LRV):** LRV cannot be determined for semi-transparent coatings, as the colour of the timber coated and the number of coats applied impacts measured LRV.

19. CLEAN UP

Clean up clothing and application tools using detergent and hot water or mineral turpentine.

Spot clean over spray and accidental spillage on other surfaces, such as glass, using detergent and hot water or mineral turpentine on a rag (for smooth surfaces) or a brush (for rough surfaces).

Remove drop sheets, coverings, and masking to leave surrounding surfaces and areas clean, tidy and undamaged.

20. RESPONSIBLE DISPOSAL

To responsibly dispose of leftover product and containers click on Paint Take Back - <https://www.painttakeback.co.nz>, and follow the options. Do not pour leftover product down the drain or dispose of in waterways.

21. SPILLAGE

This product is slippery when spilt. If this product spills, immediately clear area of unprotected personnel. To clean up the spillage, wear personal protective equipment, absorb with sand or soil and collect and seal in containers and dispose of responsibly.

22. FIRST AID

- If poisoning occurs, contact the Poisons Information Centre (NZ 0800 764 766 or AU 131 126) and have the product container or label at hand.

- If swallowed, give a glass of water and seek medical assistance. Do not induce vomiting.
- If eye contact occurs, hold eyes open and flood with water for at least 15 minutes. If irritation occurs, seek medical advice.
- If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs, seek medical advice.
- If inhaled, remove from contaminated area. If not breathing, apply artificial respiration and seek medical advice.
- For special medical advice and emergencies, call NZ 0800 734 607 or AU 1800 033 111. For further information, refer to our [safety data sheet](#).

23. FURTHER INFORMATION

For further information:



Contact **0800 379 336**



Click on www.Dryden.co.nz

The sale of this product is subject to our [standard conditions of sale](#).

Dryden is a registered trademark of DuluxGroup (New Zealand) Pty Ltd.