

# DRYDEN

## WoodOil

**PROTECTS**  
EXTERIOR TIMBERS  
**NATURALLY**

## Dryden WoodOil

## Data Sheet

For new builds Dryden Distribution recommends inspection of the whole of the work at each of the stages scheduled may be made. We recommend a programme that will facilitate an inspection or reporting of work complete, contact Dryden as to who and how inspections or reporting will be done, including reporting or notification when each part and stage of the work is complete.

This programme and/or inspection must include documentation showing Dryden WoodOil coating methods, coverage rates and dates.

### EXTERIOR WOOD COATING

Dryden WoodOil is a water-repellent, non-filming, timber protector.

Dryden WoodOil is specially designed for wood and plywood cladding, shingle roofs and fencing, and laminated beams, but is suitable for application to all wood items like decks, outdoor furniture and specified interior finishing, on all species of timber and wood surfaces, old or new, rough or smooth.

Dryden WoodOil is deeply penetrating oil that utilises an ultra-violet, stable fungicide that protects and directly reduces the effect of mould and decay. Dryden WoodOil contains water repelling properties that prevent the absorption of water deep into the timber reducing excessive warping, cupping and splitting of timber, and although checking may still happen in larger timbers Dryden WoodOil will still migrate and seal these. It can resist outdoor weathering for years, even on old, cracked, weathered wood.

### COLOUR TONING

Dryden WoodOil is available in a range of colours to help maintain and complement timber character and colour. It is recommended that if a colour is chosen that for maximum retention it is used in all applications of Dryden WoodOil to the timber. Dryden WoodOil colours are approximate only, as the actual raw timber colour, seasoning and application rate will determine the final colour achieved. Colours on dressed faced timber may require a further coat at 12 months due to reduced coverage rates on dressed compared to band sawn timber.

Dryden WoodOil Clear will silver and weather naturally as exposed to UV, for ease of maintenance we would recommend this for outdoor furniture, pergolas, decking, shingles and shakes or where natural silvered timber look is required with waterproofing for timber longevity and low maintenance. It is recommended that Dryden WoodOil Deckcoat and LVOC are used as is in Clear base.

Dryden WoodOil Slate colourtone gives silvered uniformity up under eaves and doorways where Dryden WoodOil clear will remain new natural tone and transition out to silvered, colourtone Slate may need less maintenance due to the tone being natural silvered when seasoned.

A more natural appearance is obtained by colour being contained by the surface fiber. Because of this colour retention is better on rough timber than on smooth timbers. Colourtones help hold a tone for natural finishing rather than letting the timbers silver and weather although will require more maintenance.

Dryden WoodOil colours, print on paper, internet web site, colour chips and liquid and supplied samples are a representative guide only as the timber type, the actual raw timber colour, exposure and seasoning of timbers and the quantity of oil applied, will also determine the final colour achieved.

## COVERAGE

Dryden WoodOil is different to stains, stains rely on solvent evaporating into the atmosphere to dry on the surface with penetration around the surface fibres for adhesion whilst wet, they have a specific drying time that allows other coats to key to that on the surface.

Dryden WoodOil soaks into the timbers, it won't dry on the surface, if too much is applied at once it will remain wet on the surface as there is no space for oil to migrate, so coverage rates are important and re coating times are best further apart, this is a penetrating oil, not a stain.

Applied at the correct coverage rate, Dryden WoodOil will have the gloss gone from the face of the timber pretty much the next day in most situations.

The reason for not applying another coat to fast (days) like stains is that they dry on the surface, with Dryden WoodOil there is an amount of oil waiting to soak into the timbers, the fibres are full, if you load it too much or soon, the wood will remain wet, if good practise has been used there should be no issue, in affect dry to touch.

Coverage refers to normal conditions, for instances where it's colder in temperature, timber that isn't as absorbent or is full of oil, etc... Just extend out the re-coat time or coverage rate (if its 10m<sup>2</sup> per litre apply 12 instead, as an example) so you in affect have the gloss go by the next day, don't load up the wood surface, it will only take and hold so much oil.

## SURFACE PREPARATION

Dressed faced timber shall be sanded prior to first coat (factory oiling).

### **Restore weathered wood surfaces:**

Restore timber prior to coating Dryden WoodOil with Dryden SurfaceCleaner or Dryden TimberClean to Dryden's requirements, where the timber is weathered, shows signs of environmental grime, mould, watermarks or discolouration. Contact Dryden if unsure.

### **Pre-stained Surfaces:**

Ensure surface coating, stained, polyurethane surfaces previously coated with non Dryden WoodOil are stripped back to bare timber prior to application of Dryden WoodOil, unless otherwise directed. Contact Dryden's if unsure.

## COMPATIBILITY

Check that materials are as required by Dryden WoodOil, for the particular surface and conditions of exposure, and that they are compatible with each other. Check that surfaces that have been treated with preservatives or fire retardants are compatible with the coating material. If unsure, obtain instructions before proceeding.

### **Hardware:**

Do not paint hinges or hardware that cannot be removed. Carefully remove hardware, fixtures and fittings before commencing work. Set aside where they cannot be damaged or misplaced and replace on completion.

## SEQUENCE OF OPERATIONS

### **Painting work to generally follow the sequence below:**

- Contact Dryden to instigate a programme to facilitate an inspection or reporting of work complete (new builds).
- Have timbers on site away and protected from contaminants and environmental grime.
- Complete all surface preparation before commencing coating.
- Ensure pails are matched/boxed for whole vicinity/section, check colour/tone provided against spec/control samples.
- Dressed faced timber shall be sanded prior to first coat (factory oiling).
- 1st Coat, allow applicable coverage rates safe fillet stacked storage until wet look has subsided.
- Coat board's full length linearly and complete individual walls at one time, use good painting practices.
- Coat all cut ends prior to or when fixing.
- Apply primers, sealers and clear coatings in the sequences specified by Dryden.
- 2nd coat, allow applicable coverage rates and full drying time between coats as season and timber dictate.
- With dressed timber and darker colours a maintenance coat (3rd) is required 12 months from 2nd side coat to allow more protection and colour enhancement.
- Clean up over-spray or accidental spillage on unwanted surfaces such as windows.
- Protect new work from damage from contaminate type site work not complete.

### **Delivery:**

Protect materials during transit. Check materials on delivery for condition. Reject and replace damaged materials.

### **Moisture Content:**

Do not apply to exposed timber if rain is expected within 6-8 hours of application. Dryden WoodOil should only be applied to dry timbers (ideal conditions: weather dry, maximum 18% moisture content).

LOSP treated timber must not be coated until the chemicals in the treatment process have evaporated from the timber, refer LOSP timber manufacturer's Data Sheet.

### **Preparing Dressed Timber:**

Ensure dressed timber is smooth, free from raised or woolly grain, planing burrs or other machining defects. In some instances the option to slightly round or ease sharp edges to ensure they can be properly coated, to a minimum 3mm could be considered and flat sawn, dressed weatherboards we recommend be sanded with a suitable grit sandpaper to slightly roughen the surface and remove mill glaze.

### **Preparing Rough Sawn Timber:**

Thoroughly brush along the direction of the grain to remove dust and debris. After brushing, turn timber over and bang several times to ensure all loose fibres fall off.

### **Sharp Edges:**

Ensure sharp edges on timber are sanded to a rounded profile to ensure adequate paint cover. Apply a stripe coat of each specified coating onto steelwork welds and sharp edges. Sand, grind or file sharp edges on other substrates to a rounded profile where practicable.

### **Remedial Work:**

If any substrate or surface cannot be brought up to a standard that will allow painting or clear finishing of the required standard then do not proceed until remedial work is carried out.

### **Gap Filling:**

Thoroughly clean and prepare cracks, holes, indented and damaged surfaces for filling. A special primer is needed with many substrates, while on others the filler can interfere with the coating. Check carefully and only use fillers in strict accordance with Dryden's directions.

## APPLICATION

Dryden WoodOil must be used as supplied, never add thinners or alter in any way.

Shake Dryden WoodOil well before and during use.

### Coverage:

Dryden WoodOil coating times and coverage rates may vary due to seasonal temperature, timber porosity, moisture content, timber type and previous coats applied.

We recommend to apply at:

- New hardwood decking approx. 12-14 square metres per litre.
- New dressed face timber, Cedartech, Pinetech Ply approx. 10-12 square metres per litre.
- New bandsawn timbers and restored dressed faced timber approx. 8-10 square metres per litre.
- Restored bandsawn timbers and wooden roof shingles approx. 6-8 square metres per litre.

### Application:

Dryden WoodOil applies easily and rapidly and can be applied by:

**Speed brush:** Pal brand for most surfaces.

**Spray:** Use airless spray equipment. Choose a nozzle to deliver a low pressure coarse spray.

**Brush:** For uneven or rough surfaces, a wide good quality bristle brush is best.

**Roller:** Use a medium nap for most timbers a long nap for rough surfaces.

If you find excess absorption into some timbers, we recommend that you change the application style/method to achieve the correct coverage rate.

## HANDLING & STORAGE

**Personal:** Wear protective gloves/eye protection/face protection and wash dirtied skin thoroughly after handling.

**Dryden WoodOil:** Store in a well-ventilated place and keep cool.

**Timber:** Have timbers on site away and protected from contaminants and environmental grime, concrete and metal cutting, cement dust, rubbish piles, keep covered.

## COATING TIMBERS:

Carry out preparation and coating application in a suitable enclosed work shop, with a suitable environment, with adequate lighting, ventilation and with the air temperature between 12°C and 25°C. Contact Dryden WoodOil for details with regards to other types of environments.

Check surfaces are clean and dry. Do not carry out coatings when the substrate moisture content exceeds 18%. Fillet stack timber on the back face in a well vented, cool and dry area free from sub-trade contamination. Dryden WoodOil strongly recommends that timber products be factory oiled prior to delivery.

### Initial Coats on Site:

We recommend that one coat of Dryden WoodOil is applied to each side of cladding/timbers prior to attachment. Any gloss or wet look must be gone prior to handling & fixing after application. Timbers must be protected from environmental conditions while not fixed. Remember to coat cut ends prior to or when fixing.

### Initial Coats, Factory Pre-Applied:

Dryden WoodOil first coat can be applied through a Pre-coat spray application; this System offers factory applied Dryden WoodOil coating within a controlled environment delivering a seal to timber profiles, prior to delivery. Any gloss or wet look must be gone prior to handling & fixing after application. Timbers must be protected from environmental conditions while not fixed. Cut ends must be coated prior to or when fixing.

**Second Coat:****New Cladding, exterior timbers (decking, refer Decking):**

A second coat of Dryden WoodOil should be applied between 30 & 90 days subsequently, once fixed. Maintain as necessary.

With dressed timber and darker colours a maintenance coat (3rd) is required 12 months from 2nd side coat to allow more protection and colour enhancement.

**Restoration, Refurbishment:**

Second coat 3-6 out to 12 months after initial, maintain as necessary. Interiors; no second coat required, maintain or recoat as necessary.

**Decking maintenance:**

A maintenance (2nd) coat to outdoor furniture and decks at the end of summer before winter; clean, then if necessary apply a coat of WoodOil. Application is not necessarily every year.

**Joinery:**

Wooden frames and sashes can be factory pre-treated using Dryden WoodOil. Apply Dryden WoodOil again after installation is complete. If affixing glass with wooden glazing beads, a prep clean & primer sealer is recommended applied directly to Dryden WoodOil treated timber. If using putty or similar, recommended coats of primer to Dryden WoodOil treated timber, then glaze as normal according to that manufacturers specifications.

**Cross Diffusion:**

For the attachment of absorbent materials to timber treated with Dryden WoodOil "stripe" the mating surfaces or edges with recommended coats of a suitable Primer to prevent migration into the porous substrate.

**Primers:**

Check the timber is clean and free from dust or dirt. Use a primer as specified by the sealant or adhesive manufacturer. Note primers are to be applied prior to application of Dryden WoodOil.

**Sealants & Adhesives:**

We recommend a minimum period of 7 days before adhesives or sealants are used. This ensures that Dryden WoodOil has soaked well into the timbers and that the timber must be otherwise clean and free from dust or dirt which can affect adhesion. Any warranties and technical data should be sourced direct from that manufacturer.

**Interiors:**

Most interior timbers not exposed such as sarking we would only recommend one initial coat, then as required. This also applies to finishing sills, doors, sarking, beams, etc, on application of Dryden WoodOil, to obtain a natural finish.

You can burnish with a soft dry cloth. It is not necessary to burnish surfaces that are not exposed to wear and tear such as beams, interior ceilings, etc. But this may remove excess pigment so leave as long as possible before doing so. If you require sealing interior areas of Dryden WoodOil treated timbers we recommend Clear Bees wax, use to that manufactures instructions.

## CONDITIONS FOR WORK:

**Rubber & Butyl Surfaces:**

Dryden WoodOil can affect rubber adhesives and butyl surfaces if not washed/wiped off soon after contact.

Dryden WoodOil applied to wooden shingles does not usually affect the butyl underlay. It is accepted that most of the industry now use non-rubber base glues. Inquiries should be made to manufacturer. If coating around butyl surfaces, be sure to keep all surrounding surfaces protected and clean during and after application of Dryden WoodOil.

**Rainwater Collection:**

For all decks, shingle and shakes, cladding and other timbers above the roof line, we recommend 50mm of rain or two weeks before reconnecting downpipes to tank for normal water collection.

## COMPLETION & CLEAN UP

### **Uniform Colour Application:**

Leave the whole of this work uniform in colour, at the correct m<sup>2</sup> rate, free from painting defects, clean and unmarked and to the standard required by following procedures. If, on the next day, there are wet patches, draw off excess with Dryden WoodOiled speed brush.

### **Clean Up:**

Clean up with mineral turpentine or hot water and detergent for spray equipment, brushes and clothes. These also help with over-spray or accidental spillage on unwanted surfaces such as windows; use a wiping rag on smooth surfaces and a brush on rough surfaces.

Do not discharge into the drains / surface water/ groundwater.

### **Remove:**

Remove drop sheets, coverings and masking to leave surrounding surfaces and areas clean, tidy and undamaged. Remove debris, unused materials and elements from the site. Dispose of all materials safely. Do not dispose of any material down stormwater systems. Contact your local council for correct disposal methods.

### **Protect:**

Protect new work from damage. Take all relevant precautions to protect timbers from site work, dust, dirt, aggregate concrete wash, concrete cutting, metal grinding, water blasting, etc.

### **Accidental Release Measures:**

Take up mechanically and soak up with absorbent material (e.g. sand, sawdust universal binder etc.), dispose off absorbed material in accordance with the local and national regulations.

## MAINTENANCE:

### **Re-application:**

After appropriate initial coats re-application of Dryden WoodOil at up to two years to the areas where the surface exhibits signs of losing capability to "bead water", colour tone is faded or oxidised principally northern exposed faces. This coat may be extended given better quality environmental conditions including shading, e.g. soffits.

The variety of building locality and weather conditions found in New Zealand means that in some cases recoating may be necessary within this two years.

Keep in mind that durability of water repellency and colour tone is proportional to the amount of Dryden WoodOil in the timber. Thicker timbers will require additional coats to offer this durability.

Dryden WoodOil Clear (no colourtone) will silver and weather naturally. For ongoing preservation only one coat of Dryden WoodOil Clear should be applied up to 3 years given appropriate initial coats.

We recommend annual soft water washing of the surface to remove surface contaminants (dust, pollen, etc) with clean water. This should also be done prior to any re-coats of Dryden WoodOil if in good maintenance. If for any reason maintenance has not been kept up a stronger chemical wash may be required prior to re-coating with Dryden WoodOil. Please see separate notes: Dryden Cleaning Guide.

**Please note:** Faded or oxidised coating when still consistent, must not be cleaned off. When WoodOil is reapplied over faded or oxidised coating, the coating will be reconstituted extending UV attributes and cosmetic life.

**Graffiti Stains:**

If Dryden WoodOil treated timbers are marked with graffiti a careful light wash on the area with a waterblaster on a wide fan may be all that is required, when dry if paint still remains a small amount of paint stripper (Selley's or Dad's type stripper) applied to the affected area and left a short time until the paint is softened then a water wash as above with a waterblaster to remove will finish the job.

Then when dry apply a coat of Dryden WoodOil same colour as previously applied to affected area.

**Precautions for Use:**

- Incorrect coverage rates (too much applied) will cause Dryden WoodOil to be unable to diffuse into timber and leave wet on the surface.
- Cool temperatures will cause Dryden WoodOil to become too viscous to diffuse into timber and leave wet on the surface.
- Storing Dryden WoodOil in a warm environment prior to use will alleviate this problem.
- Do not use or store near heat or open flame.
- Plastic containers containing Dryden WoodOil can flex and split particularly if stored in conditions that vary constantly in temperature, can become brittle if frozen and may split and leak if handled roughly.
- Please remove contents to another container if plastic container shows signs of wear.
- We only recommend the use of plastic containers.
- We recommend to check containers regularly.
- Spilt product presents a significant slip hazard. Contain and collect spillage.

**Environmental Hazards:**

Do not apply directly to or contaminate waterways by cleaning of equipment or disposal of wastes.

**FIRST AID**

If you feel unwell: Call National Poisons Centre or doctor/physician. If medical advice is needed, have this SDS or product container or label at hand.

**If Swallowed:**

Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor/physician if you feel unwell.

**If in Eyes:**

Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**If on Skin/Hair:**

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or swelling occurs: Get medical advice/ attention

**If Inhaled:**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician if you feel unwell.

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**INFORMATION:**

If clarification or further information is needed the user should contact this company.

The responsibility for products sold is subject to our standard terms and conditions.

For more information on Dryden WoodOil please refer to the Dryden WoodOil Specification Sheet and Dryden WoodOil Cleaning Guide and Dryden WoodOil SDS.

**For urgent emergency information only:**

National Poisons Centre 0800 704 766

**For additional information contact:**

Dryden Distribution Ltd

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