

Dryden WoodOil™
Timber Protector
Specification Sheet



Coatings Specification

This specification sheet relates to the selected Dryden WoodOil for the purpose of protecting exterior wood surfaces for the below project.

Project:

Contract:

Building:

Location:

Owner/agent:

Specification no:

Prepared by:

Date:





Scope

The work involved and intended in this Contract is to be carried out at the location detailed above. It comprises the preparation of all surfaces and the application of Dryden WoodOil in accordance with this specification and the manufacturer's instructions.

Tenders and Contract Form

The successful Contractor may be required to sign a contract in relation to this specification to indicate that they have made themselves entirely familiar with their obligations as set out in this specification.

This is the specification referred to in our Contract

Dated:

Owner:

Witness:

Contractor:

Witness:

Site Examination

Contractors are advised to examine the site before tendering. The submitting of a tender will be taken as an indication that the Contractors have visited the site and made themselves familiar with any matters that might affect the fulfilment of their part of the Contract and have made due allowance in their tender for these. No consideration shall be granted for any misunderstanding as to the work to be performed or materials to be used.

Time to Completion

The Contractors shall state in their tender:

- a) The date on which they could commence performance of the Contract.
- b) The period they will require in which to complete the Contract.
- c) The minimum number of workers they intend to have working on the performance of the Contract.

Access

Access to the site of works for the purpose of carrying out the works shall be given to the Contractor on the date for commencement of the Contract. The Contractor shall begin the works immediately after such access has been given and shall proceed regularly with the same and shall complete performance of the Contract within the time specified.

Bylaws and Regulations

The whole of the painting operations shall be carried out in conformity with Regulations and Requirements of all Public Bodies having jurisdiction in the matter and the Contractor shall pay any fees which may be payable in respect thereof.

General

This specification has been written in good faith with correct information available at the time. It is assumed that the nominated Contractor/applicator has the necessary experience and equipment to complete the requirements of this specification. If any substrate differs or is missing from this specification, please advise the writer.

Any other questions arising from the specification should be referred to the writer or Dryden WoodOil, at the address below.

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1.0 DOCUMENTS

1.1 Referred Documents

Documents referred to in this section are:

- Health and Safety in Employment Act 1992
- AS/NZS 2311 Guide to the painting of buildings
- OSH Guidelines for the provision of facilities and general safety in the construction industry
- MPNZA Painters' Hazard handbook

The documents listed above and the cited clauses that follow are part of this specification. However, this specification takes precedence in the event of there being a variance with the cited document.

1.2 Manufacturer's Documents

Manufacturer's and supplier's documents relating to work in this section are:

Dryden WoodOil, Specification sheet and Tech Data pages.

Copies of the above documents are available from:

Web: www.woodoil.co.nz
Email: info@dryden.co.nz
Telephone: +64 9 448 1335
Facsimile: +64 9 448 1339
Freephone: 0800 379 336

1.3 Abbreviations

The following abbreviations are used throughout this part of the specification:

MPNZA – Master Painters New Zealand Association.

1.4 No Substitutions

Substitutions are not permitted to any specified Dryden brand products, components or accessories.

2.0 REQUIREMENTS OF THE CONTRACTOR

2.1 Qualifications

Painters to be experienced competent workers, familiar with the materials and the techniques specified.

2.2 Control Samples

Prepare samples of the finished work as scheduled, including preparation and colour as specified. Obtain approval of the appearance before proceeding. Refer to SELECTIONS.

2.3 Health and Safety

Refer to the requirements of the Health and Safety in Employment Act and OSH “Guidelines for the provision of facilities and general safety in the construction industry”. If the elimination or isolation of potential hazards is not possible then minimise hazards on site by using the proper equipment and techniques as required in the MPNZA Painters’ Hazard handbook. Supply protective clothing and equipment. Inform the Contractor as well as the employees and others on site of those hazards and put in place procedures for dealing with emergencies.

2.4 Data Sheets

Obtain Dryden Data Sheet for each product used and keep data sheets on site. Ensure all applicators have read the material Data Sheet for each product prior to use and comply with the required safety procedures.

2.5 Warranty

Please read all notes on this document including section 2.8. Refer Consumer Guarantees Act.

2.6 Guarantee

The Contractor guarantees this work under normal conditions of use against failure of materials as according to the Dryden WoodOil Specifications and Product Data Sheets.

Refer to the general section for the required form of guarantee and details of when completed guarantees must be submitted. The Contractor is to guarantee their work against all defects that may occur within three months from the completion of the Contract and will be required to make good such defects at their own cost.

2.7 Insurance

The Contractor shall provide adequate public liability insurance.

2.8 Performance and Inspection of Work

Inspection of the whole of the work at each of the stages scheduled may be made. Agree a programme that will facilitate such inspection or reporting, who and how inspections or reporting will be done, including reporting or notification when each part and stage of the work is ready for inspection.

This programme and/or inspection must include documentation showing WoodOil coating methods and dates.



3.0 PRODUCTS AND MATERIALS

3.1 Exterior Wood Coating

Dryden WoodOil is a water-repellent, non-filming, timber protector. Refer to SELECTIONS for options.

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.

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 WoodOil will still migrate and seal these. It can resist outdoor weathering for years, even on old, cracked, weathered wood.

3.2 Colour Toning

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 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.

Dryden WoodOil Clear will silver and weather naturally, 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.

Dryden WoodOil Slate colourtone gives silvered uniformity up under eaves and doorways where 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 fibre. Because of this colour retention is better on rough timber than on smooth timbers.

4.0 EXECUTION

To conform with the best trade practice which shall be deemed to include those methods, practices and techniques contained in AS/NZS 2311, MPNZA Specification manual and the OSH publication "Guidelines for the provision of facilities and general safety in the construction industry". Comply with Dryden WoodOil requirements and any additional requirements in this specification.

4.1 Preparation

Refer to both Dryden WoodOil Specification and Data Sheets for preparation.

4.2 Use

Use paint strippers, cleaning agents, mould inhibitors, degreasers, knotting and fillers to the Dryden WoodOil requirements, using those products that are specified on our Data Sheets.

4.3 Restore Weathered Wood Surfaces

Restore timber prior to coating WoodOil with Dryden Surface Cleaner or Dryden Liquid Timber clean to Dryden requirements, where the timber is weathered, shows signs of environmental grime, mould, watermarks or discolouration. Contact Dryden if unsure.

4.4 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 WoodOil, unless otherwise directed. Contact Dryden if unsure.

4.5 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.

4.6 Treated Surfaces

Check that surfaces that have been treated with preservatives or fire retardants are compatible with the coating material. If unsure, obtain instructions before proceeding.

4.7 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. Refer to SELECTIONS for hardware, fixtures and fittings for removal.

4.8 Protection

Use drop sheets, coverings and masking necessary to protect adjoining fixtures, fittings and spaces from drops, spots, spray and damage.

4.9 Colour

Refer SELECTIONS section. 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.

5.0 APPLICATION – PREPARATORY WORK

5.1 Sequence of Operations

Painting work to generally follow the sequence below:

- Complete all surface preparation before commencing painting;
- Apply primers, sealers, undercoats, stains and clear coatings in the sequences specified by Dryden;
- Allow the full drying time between coats;
- Do not expose primers, undercoats and intermediate coats beyond a few days before applying the next coat. Refer to appropriate Data Sheets for recommended recoat times;
- Finish broad areas before painting trim;
- Ensure batch numbers of tins are matched for whole areas.

5.2 Delivery

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

5.3 Moisture Content

Do not apply to exposed timber if rain is expected within 6-8 hours of application. WoodOil should only be applied to dry timbers (ideal conditions: weather dry, maximum 17% 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.

5.4 Preparing Dressed Timber

Ensure dressed timber is smooth, free from raised or woolly grain, planning 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 3 mm could be considered and flat sawn, dressed weatherboards can be sanded with a suitable grit sandpaper to slightly roughen the surface and remove mill glaze.

5.5 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.

5.6 Fixings

Take timber fixings below the painted or clear finished surface. Leave corrosion resistant timber fixings flush with clear finished surfaces.

5.7 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.

5.8 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.

5.9 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 directions.

5.10 APPLICATION:

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.

WoodOil MUST BE USED AS SUPPLIED, NEVER ADD THINNERS OR ALTER IN ANY WAY.

6.0 APPLICATION – TIMBER

6.1 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.

A Second coat of WoodOil should be applied between 30 & 90 days subsequently, once fixed.

6.2 Initial Coats, Factory Pre-Applied

Dryden WoodOil first coat can be applied through Rosenfield Kidson Factory Oil spray application; this System offers factory applied 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.

A Second coat of WoodOil should be applied between 30 & 90 days subsequently, once fixed.

6.3 Coverage

WoodOil coverage rates may vary due to temperature, timber porosity, moisture content and timber type.

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.

6.4 Rubber & Butyl Surfaces

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

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. Be sure to keep all surrounding surfaces protected and clean during and after application of WoodOil.

6.5 Cross Diffusion

For the attachment of absorbent materials to timber treated with WoodOil “stripe” the mating surfaces or edges with recommended coats of Primer (6.5) to prevent migration into the porous substrate.

6.6 Sealants & Adhesives

These products have been assessed as acceptable for use with Dryden WoodOil:

Sealers & adhesives:

Bostik SAFETECH SafeFix*
Bostik SAFETECH Safe Clear
Bostik Seal ‘n’ Flex FC
Bostik Seal ‘n’ Flex (colours)
Holdfast Fix all
Holdfast Fix all 220LM
Holdfast Gorilla Glue

Sellys Adhesive & Sealant Poly
Sellys Multi
Sellys MS 25 LM
Sellys PVA
Sellys Super Dura Wood Glue

**Highly recommended by Bostik by their own independent tests, Tested as Bostik SAFE stud, name changed to Bostik Safe Fix (available in colours).*

Primers:

Bostic N49 Primer
Sika Primer 3N
Simson Professional Primer P

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.

These products and other brands are under continued review and re-trial and listed as a guide only. Any warranties and technical data should be sourced direct from that manufacturer.

6.7 Rain water 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.

6.8 Joinery:

Wooden frames and sashes can be factory pre-treated using WoodOil. If affixing glass with wooden glazing beads, a sealer is recommended as it can be applied directly to WoodOil treated timber. If using putty or similar, apply recommended coats of primer to WoodOil treated timber, then glaze as normal. For the attachment of absorbent materials to timber treated with WoodOil, "stripe" the mating surfaces or edges with recommended coats of primer to prevent migration into the porous substrate. (See compatible primers and wood fillers 6.6)
Apply WoodOil again after installation (fixing) is complete.

7.0 COMPLETION AND CLEAN UP

7.1 Uniform Colour Application

Leave the whole of this work uniform in colour, at the correct m² 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 speed brush.

7.2 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.

7.3 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.

7.4 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.



8.0 MAINTENANCE

8.1 Re-application

Re-application of Dryden WoodOil at up to two years after second coat to the areas where the surface exhibits signs of losing capability to “bead water” or colour tone is faded principally northern exposed faces. This coat may be extended given better quality environmental conditions including shading, e.g. soffits. Refer to section 6.7 for rain water collection guidelines.

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 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 WoodOil Clear should be applied up to 5 years given appropriate initial coats. Dryden WoodOil Slate colour may need less colourtone maintenance due to the tone being naturally silvered when seasoned. Please read notes on colour toning (3.2).

We recommend annual 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 WoodOil if in good maintenance. If for any reason maintenance has not been kept up a stronger wash may be required prior to re-coating with WoodOil.

9.0 Selections

Dryden WoodOil Timber Coating.

Pre-Coats:

Timber type:

Brand/Product:

Colour:

Coats: two,

Schedule of paint systems

Area/substrate:

Colour and Code:

Special Instructions:

Prep:

1st coat:

2nd coat:
