

# DRYDEN®

## WOODOIL THE NATURAL CHOICE FOR YOUR TIMBER

### Dryden WoodOil

### Data Sheet

**Dryden WoodOil** is a water-repellent, non-filming, timber protector. Dryden WoodOil's water repelling properties help prevent the absorption of water deep into timbers, reducing excessive warping, cupping, and splitting of timber, thus extending the service life of those timbers.

Dryden WoodOil is a **true migrating oil**. It does not film on the surface, and therefore will not crack, flake or peel. When applied without the addition of a Dryden ColourTone, the timber will weather naturally and silver over time. Added water repellents and a fungicide assist in keeping the timber dimensionally stable.

Dryden WoodOil is made in New Zealand and specially designed for New Zealand conditions.

Dryden WoodOil has been specially designed for most timber species, such as softwoods Western Red Cedar, Radiata Pine, Macrocarpa, Larch, Redwood and hardwoods like Purpleheart, Garapa, Vitex, Kwila, Tonka, Rosewood, Iroko and Jarrah, as well as other timber products such as Modified Timbers, Plywood and Laminated Timbers.

It can also be applied to cladding, decking (**seasoned timber only**), roofing shingles, fencing, new and old timbers, dressed and bandsawn timbers.

Dryden ColourTones can be added to Dryden WoodOil 'Clear' base to create a wide range of colours from lighter tones through to modern dark tones while always still showing the texture and grain of the timber.

When the Dryden ColourTones are added they provide UV protection to the timber helping to prevent the timber from silvering.

**Note:** When Dryden WoodOil 'Clear' is applied, timber in exposed environments **will weather naturally and silver overtime**. This means that the natural timber colour will be maintained under covered areas while transitioning out to silver in exposed areas. Dryden ColourTone 'Slate' can be used, for a silvered appearance under eaves and doorways if a natural uniform look is required.

#### **Dryden ColourTones**

Dryden ColourTones can be added to the Dryden WoodOil 'Clear' base to provide UV protection to timber, *preventing* silvering when maintained correctly. It is recommended that when a colour is chosen, that for maximum retention it is used in all applications of Dryden WoodOil.

As Dryden WoodOil with a Dryden ColourTone added migrates into the timber away from the surface, fullness of the colour chosen will develop highlighting the timbers natural colour and grains. The final finished colour will also be influenced by the timber type, colour, grain and product application.

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

## Dryden LVOC WoodOil, Green Projects

Dryden has a LVOC WoodOil that is rated as a low volatile organic compound wood oil for use as a clear coating on environmental “Green” projects, providing a clear, coating. It is a migrating oil with added fungicide and water repellents that extend the service life of the timber, reducing cupping, splitting, cracking and warping. Can be used on interior and exterior projects. Dryden LVOC WoodOil **cannot be tinted** with Dryden ColourTones as it will not hold tint and would no longer be LVOC.

Dryden LVOC WoodOil has a recorded VOC value of 37g/L (test report 82493A)

Refer Dryden LVOC WoodOil data sheet.

## Dryden Decking & Hardwood WoodOil

Dryden does not recommend the use of Dryden WoodOil ‘Clear’ base on new unseasoned decking timbers. Use Dryden Decking & Hardwood WoodOil for the initial coating system.

Dryden Decking & Hardwood WoodOil is a specialty designed rapidly migrating oil for walk on decking surfaces and hardwoods. It is a migrating oil with added fungicide and water repellents that extend the service life of the timber, reducing cupping, splitting, cracking and warping.

Dryden Decking & Harwood WoodOil **cannot be tinted** with Dryden ColourTones as it will not hold tint.

Refer Dryden Decking & Hardwood WoodOil data sheet.

## Coverage Rates Are Important

Dryden WoodOil migrates into timbers and does not dry on the surface. Coverage rates are important; if too much is applied at once it will remain wet on the surface as there is no space for oil to migrate.

Over application can also impact finished colour.

In most situations, when applied at the correct coverage rate, Dryden WoodOil will lose its **gloss/wet look** from the face of timber within 24 hours.

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

## Coverage Rates *(Approximate only)*

Bandsawn Timber 8-10m<sup>2</sup> (low density) per litre

Dressed Timber 10-12m<sup>2</sup> (low density) per litre

Hardwood Timber 12-14m<sup>2</sup> (high density) per litre

Bandsawn Plywood 6-8 m<sup>2</sup> per litre

Restored Timbers 6-8m<sup>2</sup> (low density) per litre

Dryden WoodOil coverage rates are approximate only and may **need to be adjusted** at times, to match the timber and the timbers ability to accept migration of Dryden WoodOil. **Note:** All gloss/wet look should be gone by the next day.

When applying second coat or a maintenance re-coat application rates will vary depending on timbers exposure (covered/uncovered etc) and time frame between coats or since last maintained. **Note:** All gloss/wet look should be gone by the next day.

**Note:** Restoration & Refurbished Timbers;

When there is excessive absorption into restored timbers, Dryden recommend a change of application method. This will allow for a lower than normal coverage rate to match the timber porosity, being mindful that the **gloss/wet look** should still be gone by the next day.

## Coating Systems

### New Exterior: Two coat system

First Coat factory applied, or site applied prior to fixing

Second Coat 30-90 days after fixing

#### **30-90 days explained:**

30-90 days after fixing (installation) is the minimum time frame between coats. This is to allow time for the first coat to migrate away from the surface, leaving space for the second coat.

When pre-coated timber is delivered wrapped or stacked face to face after onsite pre-coating, migration of the oil into the timber **will not take place**. The migration process only begins when the timber has been fixed and exposed to the elements.

Migration of Dryden WoodOil under a building that is fully wrapped is slowed due to not being exposed to the elements and a longer period of time should be considered before the second coat.

A second coat applied at 30 days would be recommended more in the summer months (consistent temperatures 17°C – 25°C). When it is warmer the oil will migrate faster into the timber away from the surface allowing space for the second coat.

This is in comparison to 90 days (consistent temperatures 12°C - 16°C) in the winter months when the migration is slower due to the colder temperature.

Applying Dryden WoodOil before the recommended time frames means the first coat will not have had sufficient time to migrate away from the surface leaving **no** space for the second coat. As a result, the oil will sit on the surface delivering a glossy wet look instead of the desired matt finish. The wet surface not only means that the oil can be readily transferred to clothing, but it also allows for more contaminants to stick to the surface which encourages mould growth.

Remember that the **gloss/wet look should have disappeared** by the next day. Coating earlier than recommended is not advised.

#### **Interior: One coat system**

Second coat can be applied **only** if deeper colour is required, and only after a minimum 30-90 days post first coat application.

Second coat application on interior timber, migration can be slower due to not being exposed to the elements. Dryden WoodOil coverage rates are approximate only and may **need to be adjusted** at times, to match the timber and the timbers ability to accept migration of Dryden WoodOil. **Note:** All gloss/wet look should be gone by the next day.

#### **Restoration & Refurbishment: Two coat System**

First initial coat followed by second coat 3-6 months after the first coat application.

##### **3-6 months explained:**

Recoating at 3-6 months after the first coat, allows time for the first coat of Dryden WoodOil to fully migrate deep within the timber. This will allow for a lower than normal coverage rate to match the timber porosity, being mindful that the gloss/wet look should still be gone by the next day.

**Note:** Refer appropriate section for full information on coating systems

## **Application Tools**

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

**Speed brush:** Preferred application method. Fine bristled speedbrush. (**Not** lambskin or long pile speedbrush)

**Spray:** Use airless spray equipment.

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

**Roller:** Use a medium nap for most timbers.

## **Timber Preparation**

All timbers delivered to site must be protected and covered from rain, environmental grime, concrete, cement dust, metal filings and site contaminants. All coated/uncoated timber must be stored off the ground when not fixed.

#### **Temperature Ranges:**

Factory and building site precoating application should be completed in a suitable environment, with adequate lighting, ventilation and with the air temperatures between 12°C and 25°C, humidity <75%. Cool temperatures will cause Dryden WoodOil to become thicker, slowing the migrating process and remain wet on the surface. Storing Dryden WoodOil in a warm and dry environment prior to use will assist with migration.

#### **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 is dry weather).

Timber moisture content must not exceed 18%.

#### **Substrate Standard:**

If any substrate or surface cannot be brought up to the standard that will allow, the coating to perform as specified, then do not proceed until remedial work is carried out.

#### **Preparing Dressed Timber (Sanding)**

Dressed timber **must** be sanded to remove mill glaze prior to application of first coat for better migration into the timber.

**Dressed Interior Timber:**

Work through the grades of sand paper up to 240 grit sanding linearly along the boards until the desired affect is achieved. Never sand in small areas, always sand the full length of the timber. Sanding imperfections will show through Dryden WoodOil, so care must be taken. Do not over sand surface as this can create similar characteristics as mill glaze. Timber should be free from raised or woolly grain, planing burrs or other machining defects. Remove all sanding dust.

**Dressed Exterior Timber:**

Dressed timber surfaces must be sanded linearly along the timber grain using up to 180 grit paper until desired affect is achieved. Never sand in small areas, always sand the full length of the timber. Sanding imperfections will show through Dryden WoodOil, so care must be taken. Do not over sand surface as this can create similar characteristics as mill glaze. Timber should be free from raised or woolly grain, planing burrs or other machining defects. Remove all sanding dust.

**Preparing Bandsawn Timber:**

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

**Protect:**

Protect newly coated timber from damage. Take all relevant precautions to protect timbers from sub trade and sources of contamination such as, dust, dirt, aggregate concrete wash, concrete cutting, metal grinding, paint splatter, etc.

**Envelope Seal all Exterior Timbers:**

All timbers should be coated with Dryden WoodOil prior to installation or fixing to provide a first coat envelope seal. All faces, backs, edges and cut ends must be coated.

**Restoration & Refurbishment: (refer page 7)**

Where timber is heavily weathered, previously coated or showing signs of environmental contamination that require restoration and refurbishment of the timber to bring the surface up to standard prior to applying Dryden WoodOil.

## Adding Dryden ColourTone

For full UV protection of the timber, **all contents** of Dryden ColourTone container **must be** added to Dryden WoodOil 'Clear' base. Trying to alter colour of Dryden WoodOil by adding less Dryden ColourTone will result in less UV protection of the timber. Dryden WoodOil with Dryden ColourTone must be thoroughly stirred until colour is even and fully mixed prior to use. For projects that require more than one pail of the same colour, box all pails together to ensure a consistent colour is achieved.

**Mixing and Adding:**

Check Dryden ColourTone colour supplied prior to starting against specification documents and colour samples. Always mix outdoors or in a well-ventilated area. Shake Dryden ColourTone container vigorously for approximately 3minutes before adding to Dryden WoodOil 'Clear' base. Re-check Dryden ColourTone colour prior to adding to Dryden WoodOil 'Clear' base. Add Dryden ColourTone to Dryden WoodOil 'Clear' base, stir until colour is even and fully mixed.

**Note:** In the event a small amount Dryden ColourTone is still in the container (after adding to Dryden WoodOil), add a small amount of Dryden WoodOil to the Dryden ColourTone container and re-shake vigorously then re-add contents to Dryden WoodOil.

## Application

Check all products supplied prior to starting against specification documents and colour samples. Dryden WoodOil must be used as supplied, never add thinners or alter in any way. Dryden WoodOil needs to be stirred regularly (with or without ColourTone added), to ensure a consistent product and colour is applied. Dryden ColourTones will settle out from the Dryden WoodOil if it is not stirred regularly. For projects that require more than one pail of the same colour, box all pails together to ensure a consistent colour is achieved. Coat board's full length linearly (do not stop mid-section) and complete individual walls at one time, using good coating practices. When completed the entire area should be uniform in look and colour (when Dryden ColourTone has been used) and free from coating defects.

## NEW BUILDS

### First Coat

#### *First Coat Factory Applied*

Dryden WoodOil can be applied by Factory Pre-coaters; their systems allow Dryden WoodOil to be coated within a controlled environment delivering an envelope seal to timber profiles, prior to delivery to site.

When timber has been factory coated ensure **all cut ends are coated during fixing.**

#### *First Coat Site Applied*

Prior to fixing, a first coat must be applied to all faces and cut ends, to provide an envelope seal.

Dressed timber **must** be sanded to remove mill glaze prior to application of first coat for better migration into the timber.

Timber should be free from raised or woolly grain, planing burrs or other machining defects.

On site coated timber must be racked or laid out on back face, off ground in a clean well vented location for 24 hours at 12°C-25°C, humidity <75%, to allow Dryden WoodOil to migrate in, free from sub-trade contamination.

Any gloss or wet look must be gone prior to fillet stacking face to face.

Stacked timber must be protected and covered from rain, environmental grime, concrete or cement dust, metal filings and site contaminants. All coated timber must be stored off the ground when not fixed.

When timber has been coated on site ensure **all cut ends are coated during fixing.**

**Note:** If for any reason the next day Dryden WoodOil has not fully migrated into the timber and has a wet/gloss look, gently draw off excess oil by brushing linearly along the length of the board with an unloaded speedbrush. Ensure an even look and finish.

#### *Cut Ends; Dryden WoodOil*

All exterior timber cut ends must be coated prior to fixing with the same product and colour that was used to pre-coat the timber. When coating cut ends care must be taken not to create lap marks on aesthetic faces.

**Note: Do not use Dryden WaxEndSeal to seal these areas.**

#### *Exposed Ends; Dryden WaxEndSeal*

For Architectural builds with exposed timber ends, such as beams, posts, screens, use Dryden WaxEndSeal.

Dryden WaxEndSeal is a wax emulsion for sealing exposed ends of timber.

Dryden WaxEndSeal must be applied after appropriate coats of Dryden WoodOil (with or without Dryden ColourTone) have been left to migrate for a minimum of 7 days.

Be sure to avoid Dryden WaxEndSeal **on any aesthetic faces.**

**Refer Dryden WaxEndSeal data sheet for further information.**

### Interior Timber

One coat system. A second coat can be applied **only** if deeper colour is required, and only after a minimum 30-90 days post first coat application. Apply coats as far apart as possible and **reducing application rates for both coats is also recommended to avoid saturating the timber surface.**

For most unexposed interior timbers such as sills, doors, sarking, and beams Dryden recommend **one initial coat**, and then recoats only as required.

#### **Interior Maintenance:**

Recoat Dryden WoodOil when and if required.

#### **Wipeable Areas:**

Dryden WoodOil **cannot** be applied to timber flooring, shelving, interior flooring, bathrooms and kitchen cabinets or any area that needs wipe or cleanability. For these areas Dryden recommends a complementary product, Dryden WoodMaster.

**Refer Dryden WoodMaster Data Sheet for further information.**

## Second Coat

### *New Timber*

Second coat 30 – 90 days after fixing of cladding.

### *Decking Timber*

Dryden WoodOil 'Clear' base can only be used on **seasoned (weathered)** decking timbers.

Use **Dryden Decking & Hardwood WoodOil** on all **unseasoned (new)** decking timbers.

Both Dryden WoodOil or Dryden Decking & Hardwood WoodOil **must not be tinted** when coating decking. Timbers will weather naturally to a silver patina.

**Refer** Dryden Decking & Hardwood WoodOil data sheet for further information on coating new decking, first coat factory applied, or site applied prior to fixing.

**Note:** If for any reason the next day Dryden WoodOil has not fully migrated into the timber and has a wet/gloss look, gently draw off excess oil by brushing linearly along the length of the board with an unloaded speedbrush. Ensure an even look and finish.

### *Joinery*

Timber frames and sashes can be factory pre-coated using Dryden WoodOil. Dryden WoodOil can be applied again after installation has been completed, but not within 30-90 days of the first coat.

Dryden recommend allowing a minimum migration period of 7 days before fixing glass. A prep clean & primer sealer is recommended to be applied directly to Dryden WoodOil coated timber before using putty or similar.

If using putty or similar, apply the recommended primer to coated timber, according to manufacturer's specifications prior to glazing.

**Refer** to manufacturers data sheets and specification for primers and procedures.

## Compatibility with Other Products

### **Chemically Treated Timber:**

LOSP treated timber (Light Organic Solvent Preservative) must **NOT** be coated until the chemicals & solvents in the treatment process have evaporated from the timber, refer supplied LOSP timber manufacturer's Data Sheet.

H1-H6 Hazard treatment coded timbers are Dryden WoodOil compatible as long as they **do not** offer water repellence. Please refer to the timber manufacturer's Data Sheet.

### **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. Enquiries should be made to the manufacturer. If coating around butyl surfaces, be sure to keep all surrounding surfaces protected and clean during and after application of Dryden WoodOil.

### **Preventing Cross Diffusion:**

When absorbent materials need to be attached to timber coated with Dryden WoodOil, 'stripe' the mating surfaces or edges with recommended coats of a compatible primer as recommended by the manufacturer to prevent cross diffusion into the porous substrate.

Dryden recommend regardless of manufacturer's system being used, that all data sheets are read and followed, for their technical requirements and warranties.

### **Sealants & Adhesives:**

Dryden recommend allowing a minimum migration period of 7 days before applying any adhesives or sealants. This ensures that Dryden WoodOil has migrated well into the timber. Ensure the timber is clean and free of dust or dirt and use an appropriate primer as recommended by the manufacturer.

**Refer** to sealant & adhesives manufacturer data sheets for technical requirements and warranty information.

### **Glazing:**

Dryden recommend allowing a minimum migration period of 7 days before affixing glass with wooden glazing beads, using putty or similar. This ensures that Dryden WoodOil has migrated well into the timber. Ensure the timber is clean and free of dust or dirt and use an appropriate primer as recommended by the manufacturer.

**Refer** to glazing manufacturer data sheets for technical requirements and warranty information.

**Hardware:**

Do not coat hinges or hardware that cannot be removed. Carefully remove hardware, fixtures and fittings before commencing work. Should product accidentally come in contact with hardware clean off immediately.

**Timber Compatibility:**

Dryden WoodOil is not compatible with Bamboo or other grasses (Monocotyledons)

**Harvesting Rainwater:**

Rainwater that comes into contact with timber coated with Dryden WoodOil is not suitable for drinking.

## EXTERIOR MAINTENANCE

Dryden recommend an annual maintenance inspection and soft wash to keep the building in optimum condition. In some circumstances, due to localised environmental conditions soft washing may be required more regularly.

Dryden recommend annual soft water washing of the surface to remove surface contaminants such as dust and pollens. Wash with clean water, using a garden hose or soft brush (such as a car washing brush). A mild detergent solution can be used to remove stubborn contaminants.

Conduct a maintenance inspection of the coating at the same time of washing. When Dryden ColourTones are showing signs of chalking and fading this a signal of maintenance being required and is normal.

**Refer Dryden WoodOil Cleaning & Maintenance Guide for full cleaning information.**

**Note:** Dryden ColourTones that are faded or chalked but appear even and consistent (not patchy), must not be cleaned off (soft wash only). When WoodOil is reapplied over faded or chalked coating, the coating will be rejuvenated extending the UV attributes and cosmetic life.

First maintenance is determined by the quality of application of first coating, building design, orientation to sun, weather exposure, chosen colour, timber type and grain.

### **Thicker Timbers up to 1 year**

Thicker Timbers will require its first maintenance coat up to **1 Year** from the completion of the initial coating system.

The shorter relative first maintenance cycle is due to the greater volume of timber requiring a greater amount of oil for protection and durability.

### **Dressed Timber & Darker Colours up to 1 year**

Dressed timber and darker colours require their first maintenance coat at up to **1 Year** from the completion of the initial coating system to allow more colour enhancement.

This includes garage doors and all external exposed timber joinery faces such as frames, sashes and doors.

### **Modified Timbers (Acetylated, Thermally) up to 1 year**

Modified Timbers (Acetylated, Thermally) will require their first maintenance coat up to **1 Year** from completion of the initial coating system.

Modified timbers are timbers that have had a chemical structure change and-become very dry. Lower moisture levels create more space within the timber for oil to migrate into and therefore the timber requires more oil than standard timbers.

Subsequent maintenance coats may extend out depending on areas coated, exposure, timber type and grain.

### **Exterior Timber Dryden WoodOil with Dryden ColourTone added – up to 2 years**

First maintenance is determined by the quality of application of first coating, building design, orientation to sun, chosen colour, timber type and grain. The type of building, locality and weather conditions found in New Zealand means that in some cases recoating may be necessary within two years.

After appropriate initial coats re-application of Dryden WoodOil with a Dryden ColourTone is **up to two years** to exposed faces.

This coat may be extended given better quality environmental conditions including shading, e.g. soffits.

Dryden do not recommend re-coating the entire building at the same time. Areas which are still in good condition will still have the appropriate levels of Dryden WoodOil for protection.

**Note:** Dryden ColourTones that are faded or chalked but appear even and consistent (not patchy), must not be cleaned off (soft wash only). When WoodOil is reapplied over faded or chalking coating, the coating will be rejuvenated extending the UV attributes and cosmetic life.



### **Exterior Timber Dryden WoodOil 'Clear'- up to 3 years (high exposure areas maximum up to 2 years first maintenance coat)**

When Dryden WoodOil 'Clear' is re-coated over any silvered timber, it will wet the silver patina and look patchy. This patchiness will revert to the original appearance over time

For ongoing durability only one coat of Dryden WoodOil 'Clear' should be applied up to **3 years** after the initial coating system.

**Note:** If for any reason maintenance Soft Washes have not been kept up and mould spores have become apparent within the timbers silvered patina, Dryden recommend using a product which will selectively kill mould and lichen on the exterior timber surface over an extended period. Then over time the weathering process will allow the dead growths to naturally erode away without damaging the silver patina.

**Do not use bleach-based products.**

#### **Graffiti Stains**

When Dryden WoodOil coated timbers have been marked with graffiti, a careful light wash on the area with a water blaster on a wide fan setting may be all that is required.

If after cleaning stubborn graffiti is still present, apply a small amount of paint stripper to the affected area (once timber is dry), follow the manufacturers procedures as per their data sheet.

Once dry after cleaning re-apply Dryden WoodOil (same colour as previously) to affected area.

## **RESTORATION & REFURBISHMENT**

Where timber is heavily weathered, previously coated or showing signs of environmental contamination that require restoration and refurbishment of the timber to bring the surface up to standard prior to applying Dryden WoodOil.

**Refer Dryden WoodOil Cleaning & Maintenance Guide and Dryden SurfaceCleaner Data sheet for full cleaning information.**

#### **Heavily Neglected Weathered Cladding**

Heavily neglected weatherboard cladding that has been left to weather and had little maintenance carried out over many years, showing severe stress, (e.g. dryness, cracked and split, badly cupped, protruding nails) will require a strong wash with Dryden SurfaceCleaner prior to coating.

For severely stressed timber Dryden recommend **3-6 months between coats**. This is to allow time for the first coat of Dryden WoodOil to fully migrate deep within the weatherboard, which will have a softening, relaxing effect on the timbers structure.

This will allow dry weatherboards to relax and 'rejuvenate' (at times flattening boards), enabling protruding nails to be gently tapped in and the weatherboards pulled up tighter on the framing/cavity. This helps to reduce windage and moisture ingress behind the weatherboards.

At times neglected weatherboards may benefit from increasing the time frame between **first and second coat to 9 months** (but no longer than) for restoration work, to allow timber further time to relax and rejuvenate prior to finishing restorations work.

All restoration work must be carried out prior to coating and may include replacement of weatherboards that are not salvageable. **Refer** to a Registered Builder for advice.

Dryden recommend a Strong Wash using Dryden SurfaceCleaner as per maintenance not carried out on time.

#### **Protruding Nails**

Never hit home protruding nails that have walked out over time immediately following first coat application.

Hitting home protruding nails when weatherboards are stressed and dry will result in cracking and splitting of the weatherboards.

This process should be only started after the second coat of Dryden WoodOil has been applied (3-6 months) and the timber has had time to relax further and become more supple.

Care must be taken when tapping in protruding nails, it is not always possible to fully remove cupping from the neglected weatherboards. Should the weatherboards become tight and provide resistance to being pulled up **stop**, otherwise splitting of weatherboard may occur.

**Note:** In some circumstance's weatherboards, being a natural product can remain cupped even after coating.

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

Degraded stains and polyurethane surfaces must be stripped back to bare timber prior to application of Dryden WoodOil.

Dryden recommend a Strong wash with Dryden SurfaceCleaner to remove degraded loose product.

After a strong wash, inspect the timber surface for any old coating remaining, spot stripping maybe required if not fully removed. **All coatings must be removed before coating with Dryden WoodOil.**



**Note:** Never sand or scrap timber to remove old stains, spot stripping may be required. Sanding and or scraping will result in patchy sanding or scraping marks on the timber surface that will show through Dryden WoodOil.

Dryden recommend **3-6 months between coats**. This is to allow time for the first coat of Dryden WoodOil to fully migrate deep within the weatherboard.

**Note:** Never hit home protruding nails that have walked out over time immediately following first coat application.

**Refer** above Protruding Nails.

### **Environmental Contamination**

Where timber is weathered, or showing signs of environmental grime, mould, watermarks or discolouration, clean with Dryden SurfaceCleaner prior to applying Dryden WoodOil.

Dryden recommend **3-6 months between coats**. This is to allow time for the first coat of Dryden WoodOil to fully migrate deep within the weatherboard.

**Note:** Never hit home protruding nails that have walked out over time immediately following first coat application.

**Refer** above Protruding Nails

**Refer Dryden WoodOil Cleaning & Maintenance Guide and Dryden SurfaceCleaner Data sheet for full cleaning information.**

## **Completion & Clean Up**

### **Clean Up:**

Detergent & hot water or Mineral Turpentine.

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.

### **Remove:**

Remove drop sheets, coverings and masking to leave surrounding surfaces and areas clean, tidy and undamaged. Dispose of all materials safely. Do not pour unused Dryden WoodOil down drain. Unwanted Dryden WoodOil should be brushed out on newspaper or absorbed with sawdust, then disposed of via waste collection. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. For more information on responsible disposal of paint and packaging visit [painttakeback.co.nz](http://painttakeback.co.nz).

### **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, paint splatter, etc.

## **Technical**

### **Dryden WoodOil VOC Rating**

Dryden WoodOil has a recorded VOC value of 118g/L (test report 82493B)

Dryden WoodOil tinted with Dryden ColourTone has a recorded VOC value of 151g/L (test report 82493C)

### **Dryden WoodOil Fire Rating**

Two coats of Dryden WoodOil coated on 18.5mm Western Red Cedar as Group 3 (NZBC) Test Report 7-599140-CO

### **Dryden WoodOil Light Reflective Values (LRV)**

Standard Light Reflectance Values cannot be determined for semi-transparent coatings. A transparent coating allows light to pass through and interact with the underlying timber which is why as an observer we can see it. It follows that the colour of the timber being coated as well as the number of coats applied will therefore significantly impact the measured LRV.

Dryden do not offer any LRV data for their products.

## **Environmental Hazards**

### **Accidental Release Measures:**

Clear area of all unprotected personnel. Slippery when spilt. Wear protective equipment. Absorb with sand or soil. Collect and seal in properly labelled drums.

## Storage

Before storing box all like for like containers.

Do not store directly on concrete or cold surfaces, or in damp poorly ventilated environments.

Best stored off ground in a well-ventilated area at a consistent moderate temperature.

Plastic containers containing Dryden WoodOil can flex particularly if stored in conditions that vary constantly in temperature.

Do not use or store near heat or open flame.

Products once opened and stored correctly have a limited storage life approximately 24 months.

## Personal Protection Equipment (PPE) Precautions

Always wear appropriate PPE such as protective gloves, eye protection and face protection.

When spraying or in case of inadequate ventilation wear respiratory protection.

Wash skin thoroughly after handling with hot soapy water.

**Refer Dryden WoodOil SDS for detailed information.**

## First Aid

If poisoning occurs, contact a Doctor or Poisons Information Centre (New Zealand 0800 764 766; Phone Australia 131 126). If medical advice is needed, have product container or label at hand.

**SWALLOWED:** If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical assistance.

**EYE:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**SKIN:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs seek medical advice.

**INHALED:** Remove from contaminated area. Apply artificial respiration if not breathing. Seek medical advice.

**For special medical advice and emergencies call NZ 0800 734 607, AUST 1800 033 111**

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## Information

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

For further information on Dryden WoodOil refer to the Dryden WoodOil Cleaning & Maintenance Guide and Dryden WoodOil SDS.

For additional information contact:

Dryden

150 Hutt Park Road

Lower Hutt, Wellington 5010

New Zealand

Dryden Call Free: 0800 379 336

Website: [www.dryden.co.nz](http://www.dryden.co.nz)

Dryden

1956 Dandenong Road

Clayton, Victoria 3168

Australia

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