

# DRYDEN<sup>®</sup>

## WOODOIL THE NATURAL CHOICE FOR YOUR TIMBER

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### Dryden Outdoor Furniture Oil

### Data Sheet

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Dryden Outdoor Furniture Oil is a specially designed rapidly migrating oil for outdoor furniture.

Dryden Outdoor Furniture Oil is a water-repellent, non-filming, timber protector. Dryden Outdoor Furniture Oil'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 Outdoor Furniture Oil is a **true migrating oil**. It does not film on the surface and therefore will not crack, flake or peel. When applied the timber will weather naturally and silver over time. Added water repellents and a fungicide assist in keeping the timber dimensionally stable.

Dryden Outdoor Furniture Oil is made in New Zealand and specially designed for New Zealand conditions.

Dryden Outdoor Furniture Oil has been specially designed for most timber species, such as Radiata Pine and Macrocarpa as well as hardwoods like Purpleheart, Garapa, Vitex, Kwila, Tonka, Rosewood, Iroko and Jarrah to name a few.

**Note:** When Dryden Outdoor Furniture Oil is applied, timber in exposed environments will **weather naturally and silver over time**. This means that the natural timber colour will be maintained under covered areas while transitioning out to silver in exposed areas.

**Note:** Dryden Outdoor Furniture Oil will wet and darken the timber surface when applied. This will subside once it has migrated away from surface into the timber. Dryden Outdoor Furniture Oil will highlight the timber's natural grains.

#### *Dryden ColourTones*

Dryden Outdoor Furniture Oil **cannot be tinted** with Dryden ColourTones as it will not hold the tint.

### Coverage Rates Are Important

Dryden Outdoor Furniture Oil 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.

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

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

## Coverage Rates

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

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

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

When applying a second coat or 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.

## Coating Systems

### **New Furniture: Two coat System**

First coat applied prior to exposure.

Second coat prior to winter but not within six months from the application of the first coat.

#### **Six Months Explained:**

Six months between first and second is the minimum time frame between coats, to allow time for the first coat to migrate away from the surface, leaving space for the second coat.

Applying Dryden Outdoor Furniture Oil 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 cloths, 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.

### **Furniture Restoration & Refurbishment: Two coat system**

First initial coat followed by second coat prior to winter but not within 6 months from completion of the initial coating.

### **Maintenance: One coat system**

One coat not within 12 months from completion of the initial coating. Maintenance is best conducted prior to winter

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

## Application Tools

Dryden Outdoor Furniture Oil applies easily and rapidly and can be applied by:

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

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

**Rag:** Must be lint free (microfiber).

## Exterior Outdoor Furniture Preparation

**Note:** Read furniture suppliers' documents regarding to care, weather exposure, coating of the furniture and follow all recommendations as not to void warranties.

Furniture delivered to site must be protected and covered from rain and environmental contaminants.

Timber may bleed (release their natural tannins) which will stain paving, concrete etc.

Weathering furniture until bleeding of timber tannins has subsided on lawn should be considered.

**Note:** Furniture may be supplied pre-sealed or pre-stained. Sand or let weather until the coating has eroded away completely before coating with Dryden Outdoor Furniture Oil.

### **Suitability Test:**

Test furniture has not been pre-sealed or pre-stained by sprinkling water on surface in several areas. If the water sits on the surface and does not soak into the timber furniture it may be pre-sealed or pre-coated.

When the water has not soaked into the timber it is not suitable for coating with Dryden Outdoor Furniture Oil as the oil will not migrate into the timber.

**All previous coatings are required to be removed prior to coating with Dryden Outdoor Furniture Oil.**

#### **Temperature**

Application should be carried out in a suitable environment with adequate lighting, ventilation, and with the air temperature between 12°C and 25°C, humidity <75%. Cool temperatures will cause Dryden Outdoor Furniture Oil to become thicker, slowing the migrating process and remain wet on the surface. Storing Dryden Outdoor Furniture Oil in a warm 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 Outdoor Furniture Oil should only be applied to dry timbers (ideal conditions is dry weather).

Timber moisture content must be a less than 18%.

#### **Substrate Standard:**

If any furniture surface cannot be brought up to the standard that will allow coating to the required standard, then do not proceed until remedial work is carried out.

#### **Preparing Dressed Timber:**

Dressed hardwood furniture **must** be sanded to remove mill glaze prior to application of first coat for better migration into the timber. Softwood furniture such as Radiata Pine may not require sanding unless mill glaze is severe.

##### ***Sanding Dressed Hardwood Furniture***

Dressed hardwood furniture 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 Outdoor Furniture Oil so care must be taken.

Do not over sand surface as this can create similar characteristics as mill glaze.

Remove all sanding dust.

#### **Envelope Seal:**

Dryden Outdoor Furniture Oil should be applied to all faces (top, underneath and backs), edges and cut ends of the furniture.

#### **Protect:**

Protect newly coated timber furniture from damage, contaminants, and rain.

## **First Coat Application**

Dryden Outdoor Furniture Oil must be used as supplied; never add thinners or alter in any way.

Dryden Outdoor Furniture Oil cannot be coloured using Dryden ColourTone tints.

Furniture will weather naturally to a silver patina.

Dryden Outdoor Furniture Oil needs to be stirred regularly.

For furniture that requires more than one jerry can, box all jerry cans together.

Coat the full length of the timber linearly and complete furniture at one time using good coating practices.

When completed, furniture should be uniform and free from coating defects.

Always apply coating at the correct coverage rate.

Any gloss or wet look must be gone prior to handling furniture after application.

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

## **Second Coat**

Second coat prior to winter but not within six months from the application of the first coat.

Both Dryden WoodOil or Dryden Outdoor Furniture Oil **must not be tinted** when coating furniture. Furniture will weather naturally to a silver patina.

Second coat prior to winter but not within six months from the application of the first coat.

Dryden Outdoor Furniture Oil **must not be tinted** when coating furniture. Furniture will weather naturally to a silver patina.

**Note: If for any reason the next day the Dryden Outdoor Furniture Oil has not fully migrated into the timber and has a**

wet/gloss look, draw off excess Dryden Outdoor Furniture Oil using an unloaded speedbrush; gently draw off the excess by brushing linearly along the length of the board ensuring an even look and finish.

## Compatibility with Other Products

### Compatibility:

Furniture may be sealed or pre-stained. Sand or let weather until the coating has eroded away completely before coating with Dryden Outdoor Furniture Oil.

### Chemically Treated Timber:

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

### Preventing Cross Diffusion:

Dryden recommend allowing a minimum migration period of 7 days before placing furniture on porous surfaces as these porous surfaces can soak up oil from legs.

### Timber:

Dryden Outdoor Furniture Oil is not compatible with some furniture timbers such as Bamboo or other grasses (Monocotyledons)

## Maintenance

Always conduct an annual soft wash of your furniture 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 furniture and coating at the same time of washing.

First maintenance is determined by quality of application of first coating, orientation to sun, weather exposure, timber type, and grain. A maintenance coat is best applied at the end of summer before winter, so as to provide protection during the wettest seasons.

Maintenance depends on exposure of the furniture to the elements. (undercover or fully exposed to the weather).

When Dryden Outdoor Furniture Oil is re-coated over silvered timber it will wet the silver patina and look patchy. This patchiness will revert back to the original look over time.

**Note:** Maintenance may not necessarily be every year and will also depend on the furniture's exposure, timber type, and grain.

**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.**

Refer Dryden Outdoor Furniture Oil Cleaning & Maintenance Guide 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 cleaning solutions also help with removing 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.

## 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.

Store Dryden Outdoor Furniture Oil off the ground in a well-ventilated, cool place.

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

Do not use or store near heat or open flame.

## Personal Protection Equipment (PPE) Precautions

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

Wash skin thoroughly after handling with hot soapy water.

## 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 AUST 1800 033 111, NZ 0800 734 607

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## Information

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

For further information on Dryden Outdoor Furniture Oil refer to the Dryden Outdoor Furniture Oil Cleaning Guide and Dryden Outdoor Furniture Oil SDS.

For additional information contact:

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