

DRYDEN®

WOODMASTER THE NATURAL CHOICE FOR YOUR TIMBER

Dryden WoodMaster Cleaning & Maintenance Guide

For exterior timber coated with Dryden WoodMaster, Dryden recommend annual maintenance inspections and soft washing to keep the building in optimum condition.

In some circumstances, due to localised environmental conditions, soft washing will be required more regularly.

Inspections help with the early identification of maintenance requirements and minor issues before they become larger expensive problems.

Timber cladding manufacturers provide proprietary systems. These systems require not only the correct materials being supplied and installed, but also that timber is correctly **maintained** to ensure the required durability is met. In addition to having a new build signed off, **there must be a maintenance programme in place** for timber cladding.

When timber maintenance is neglected and poorly maintained, defects can occur which may result in extensive and avoidable damage to the durability of the timber.

When the timber is maintained in a systematic way, warranties for the timber building systems are met.

Note: Dryden WoodMaster should only be used on exterior cladding, sarking, soffits and joinery only.

Dryden WoodMaster Maintenance Re-coating Requirements

Exterior Maintenance:

Dryden WoodMaster with a Dryden ColourTone is **up to 2 years** depending on quality of application of first coating, building design, orientation to sun, weather exposure, chosen colour, timber type and grain.

Interior Maintenance:

Conduct maintenance when required. One coat only is recommended.

Refer Dryden WoodMaster data sheet for further coating information.

Interior Cleaning

Regular cleaning with a damp cloth and mild detergent solution will extend the service life of the stained surface. Always test cleaning solutions in an inconspicuous area to ensure that it does not damage the matt finish/colour of the stain. Always clean in the direction of the timber's natural grain to prevent any cross scratching.

Determining Exterior Cleaning Method

Annual Inspection & Soft Wash:

To keep your timber protected and looking fresh it must be inspected and maintained regularly. This simply means an annual soft wash and inspection of the timber surface. By inspecting the building at the same time as the annual soft wash you can pre-empt any maintenance that may or may not need attending to. Maintenance does not necessarily mean the whole building will require

re-coating at one time. Generally, the building will require maintenance in sections (elevations) depending on the building design, exposure and orientation to the sun.

Soft Wash Prior To Maintenance (If carried out on time):

Dryden recommend a soft wash with a mild detergent solution of the surface to remove surface contaminants such as dust and pollens in preparation for maintenance recoating.

Strong Wash Prior To Restoration Refurbishment Remedial Work (Maintenance not carried out on time):

If for any reason maintenance has not been kept up and the Dryden WoodMaster coating is in poor condition, it should be removed completely prior to re-coating. A stronger wash with Dryden SurfaceCleaner will be required, spot strip and or sand to ensure all old product is removed and area is uniform and even prior to re-coating.

Refer Dryden SurfaceCleaner data sheet for further cleaning information.

Preparation Prior To Starting Cleaning

Stormwater Collection:

All down pipes must be disconnected when feeding into stormwater collection system to prevent contamination of waterways. Follow all local body requirements.

Tank water collection drinking or gardening:

Disconnect all down pipes and thoroughly flush all gutters and roof areas prior to reconnecting.

EXTERIOR CLEANING METHODS

Annual Inspection & Soft Wash

It's difficult to determine the condition of a finish when it's covered with layers of dirt, dust, pollen and other contaminants that will attract mould. It's necessary therefore to soft wash the building with a mild detergent solution before starting a maintenance inspection.

Soft Wash

A soft wash with a mild detergent solution is sufficient to remove most surface contaminants such as dirt, dust, pollen and other environmental grime and is particularly important for areas where rain and wind cannot usually reach.

Equipment:

Soft bristled brush, broom or telescopic house wash brush.

Or, use a water blaster set to the lowest possible pressure and wide fan nozzle to generate a spraying mist.

This water blaster method is acceptable when the **spray mist** is not brought close to the surface (**no less than 1.5 to 2 metres**) and is used to rinse the surface only. Do not direct too closely around door openings, window frames and other openings in the cladding.

Note: Never use pencil or turbo nozzles on water blasters when cleaning timber.

Method:

Pre-soak the timber surface with mild detergent solution and wait 5 minutes before brushing or water blasting (rinsing) linearly along the timbers. Work from the top to bottom along the lengths of timber with long sweeping motions in the direction of the grain, feathering on and off at the end of each sweep of the area to be cleaned.

A soft wash with mild detergent solution is **intended to clean like rainfall**. It is sufficient to remove surface contaminants not the coating.

Inspecting

What are you looking for when inspecting:

Start at one corner of the building and be sure to look all the way around. Inspect each wall individually and do not try to inspect too much at a time. Begin by standing back away from the wall and look for some of the more obvious signs of aging then have a close up look and feel.

From a distance it is easier to see general patterns of wear and fading of the coating.

When up close, look in detail at what's happening to the timber surface.

What needs recoating:

Dryden does not recommend re-coating the entire building as there could be areas which are still in good condition, we only recommend coating areas that are displaying signs of colour fade and loss of water repellency, which is just signs of maintenance being required and is normal.

Refer Washing Prior To Remedial Work (*Maintenance not carried out on time*)

Soft Wash Prior To Maintenance

 (*If carried out on time*)

A soft wash with a mild detergent solution is sufficient to remove most surface contaminants such as dirt, dust, pollen and other environmental grime and is particularly important for areas where rain and wind cannot usually reach.

Where Dryden ColourTone is even and consistent in colour but is faded or has lost water repellency these areas should be considered for a Dryden WoodMaster maintenance coat.

Note: When the Dryden ColourTone is chalky and weathering off the timber surface a strong wash will be required.

Equipment:

Soft bristled brush, broom or telescopic house wash brush.

Or, use a water blaster set to the lowest possible pressure and wide fan nozzle to generate a spraying mist.

This method is acceptable when the **spray mist** is not brought close to the surface (**no less than 1.5 to 2 metres**) and is used to rinse the surface only. Take care not to disturb coating in good even condition. Do not direct too closely around door openings, window frames and other openings in the cladding.

Note: Never use pencil or turbo nozzles on water blasters when cleaning timber.

Method:

Pre-soak the timber surface with mild detergent solution and wait 5 minutes before brushing or water blasting (rinsing) linearly along the timbers. Work from the top to bottom along the lengths of timber with long sweeping motions in the direction of the grain, feathering on and off at the end of each sweep of the area to be cleaned.

A soft wash with mild detergent solution is **intended to clean like rainfall**. It is sufficient to remove surface contaminants not the coating.

Substrate should be uniform in colour when cleaned otherwise further preparation maybe required.

Strong Wash Prior to Restoration Refurbishment Remedial Work

 (*Maintenance not carried out on time*)

If for any reason maintenance has not been kept up and the Dryden WoodMaster coating is in poor condition, it should be removed completely prior to re-coating. A stronger wash with Dryden SurfaceCleaner will be required, prior to possibly spot stripping or sanding to an even finish before re-coating with Dryden WoodMaster.

Caution: All sanding and timber preparation must be completed to the required level prior to coating.

In the event sanding is required after coating timber, **extreme care** must be taken to avoid breaking through the Dryden WoodMaster Stain and into the timber surface, as this sanding **will show** through subsequent coats.

Refer Dryden WoodMaster Data Sheet for further Caution information on sanding and coating.

Refer Dryden SurfaceCleaner data sheet for further information.

The natural silvering starts when the Dryden ColourTone (timber UV protection) has become chalky and eroded away through weathering.

Preparation

Evaluate the exterior timber to be cleaned and use the appropriate cleaning method and the pressure required to avoid damaging the timber.

When water blasting around painted surfaces, make sure that any visible damage is repaired before cleaning. If painted surfaces are unsound, the cleaning may lift and remove loose paint. Cover nearby plants, ponds and light fixtures. Sweep or brush away loose debris from the surfaces to be cleaned.

Close windows, doors and place towels on the inside of window sills. Cover areas that need to be protected, e.g. vents or alarm boxes.

Note: When the timber is weathered and silvered **all** damaged timber cells, mould and other contaminants must be cleaned from the timber surface.

Cleaning Tools

Water blaster or power washer (preferred method)

Firm bristle brush or broom, scouring pad. (Use only synthetic **not metal** scouring pads)

Note: Never use pencil or turbo nozzles on water blasters when cleaning timber.

Note: Water blasters are better used with low pressure and a high-water volume, 13 litres per minute plus are best.

When using a water blaster ensure you are only cleaning and removing colour, dirt and silvered timber from the surface of the timber and not damaging the actual timber

Application Tools

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

General garden sprayer

Large backpack sprayer

Motorised spray system

Dilution Rates

Mixing ratio 10g SurfaceCleaner per Litre of clean water

E.g. 100g Dryden SurfaceCleaner per 10 litres of clean water

Note: Ten litres of made up solution will clean approximately 60-70 square metres of timber surface, depending on porosity of timber and environmental conditions when applying.

Dryden SurfaceCleaner Application

Clean timber in shade out of direct sunlight or on overcast days.

Direct sun and warmth will evaporate product and so will not remain active on the surface. Application must be carried out either in shade or on overcast day to prevent the product drying during the cleaning process.

Pour mixture into garden sprayer, seal and pressurise or other chosen method.

Ensure sprayer is kept pressurised to keep a good stream flowing.

Saturate surface to be cleaned beginning from the bottom and moving towards the top so that the solution runs back down onto itself. Leave Dryden SurfaceCleaner on surface for 15 -20 minutes, keeping wet (re apply solution if necessary). This allows the Dryden SurfaceCleaner to saturate through the oxidised silvered surface and allow easier removal.

Cleaning Methods

Before cleaning any surface, test cleaning method in an inconspicuous area to determine the optimal spray pattern, scrubbing technique and distance of water blaster from timber surface to obtain best cleaning results.

Always take care to ensure all run off is collected and safely disposed or water boomed off onto gardens or grassed areas.

Severely mould affected surfaces may require multiple cleaning treatments.

The following methods should remove all silvered timber fibres and chalking Dryden ColourTone. When performed correctly the timber surface should be back to an even natural look ready for re-coating.

After cleaning with Dryden SurfaceCleaner always rinse off ensuring all cleaning residue is removed.

Firm Bristle Brush or Broom, Scouring Pad Cleaning.

After the Dryden SurfaceCleaner has soaked the surface for 15 -20 minutes, use a firm brush to systematically clean the boards linearly to remove dirt, contaminants, and oxidized timber (weathered or silvered timber).

On exterior cladding always clean from top down to bottom. This allows dirty water and contaminants to run off.

Note: Use duster brush or synthetic scouring pads, **no metal** scours, to avoid iron staining.

Water Blaster Cleaning (preferred method)

Method:

After the Dryden SurfaceCleaner has soaked the surface for 15 -20 minutes, use a water blaster to remove the dirt and oxidants.

Set water blaster to a low pressure setting approximately 870-1200 psi and wide fan (nozzle) setting.

Note: Never use pencil or turbo nozzles on water blasters when cleaning timber.

On exterior cladding always work from top to bottom, this allows dirty water and contaminants to run off.

Always clean timber linearly in direction of grain.

Keep water blaster nozzle at a consistent distance from the timber surface and pressure levels at a level that avoids damaging the timber.

Clean full length of the timber (do not stop mid-section. Clean timber to a natural break) going backwards and forward, **feathering on and off** at the end of each stroke overlapping slightly.

Note: Never leave the (water blasters) concentrated spray of pressurised water stationary in one spot at any time, especially when transitioning from left to right or vice versa of each cleaning stroke.

This **will** result in 'water pressure cleaning lines' markings on the timber surface, which will show when recoating. **Always feather pressurised water** on and off to avoid markings.

Inspection (once dry)

Once the timber has dried inspect your work.

The appearance of timber changes as it dries, small imperfections can often go unnoticed when the timber is wet.

The timber cladding should have no 'water pressure cleaning lines' from incorrect feathering on and off. The surface should be consistent with no areas unwashed, as when re-coating, faults may show.

Remaining stain (coating)

All previous stains (coating) remaining on the surface must be removed, through spot stripping or sanding. Sanding small isolated patches and old stain will **show** through subsequent Dryden WoodMaster coating.

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

Caution: All sanding and timber preparation must be completed to the required level prior to coating.

In the event sanding is required after coating timber, **extreme care** must be taken to avoid breaking through the Dryden WoodMaster Stain and into the timber surface, as this sanding **will show** through subsequent coats.

Refer Dryden WoodMaster Data Sheet for further Caution information on sanding and coating.

Remaining Dull Timber, Stains and Blemishes

After cleaning timbers may have a dull appearance or have cosmetic stains and blemishes. Dryden LiquidTimberClean is an effective specialist cleaning product which can be used to freshen and brighten dulled timber and will help to improve any cosmetic staining and blemishes.

Refer Dryden LiquidTimberClean data sheet for further information.

Prior to coating

Once dry remove loose raised fibres (denib) using a 3M Griddle Scrubber or synthetic scorer pad, not metal. Gently brush linearly along the length of the board to remove loose fibres. Ensure an even look and finish. All sanding and timber preparation must be completed to required level prior to coating.

Refer Dryden WoodMaster data sheet for further coating information.

Dryden WoodMaster Re-Coating

For all re-coating requirements refer Dryden WoodMaster Data Sheet.

Note: Dryden WoodMaster should only be used on exterior cladding, sarking, soffits and joinery only.

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 WoodMaster SDS for detailed information.

Environmental Hazards

Accidental release Measures:

Do not apply directly to or contaminate waterways by cleaning of equipment or disposal of wastes. Clear area of all unprotected personnel. Slippery when spilt. Wear protective equipment. Absorb with sand or soil. Collect and seal in properly labelled drums.

Disposal:

Waste rags contaminated with Dryden WoodMaster should be thoroughly soaked in water and dried before adding to domestic waste collection. Do not pour unused Dryden WoodMaster down drain. Unwanted Dryden WoodMaster should be brushed out on newspaper and allowed to dry, then disposed of via waste collection. Empty containers should be left open in a well-ventilated area to dry out. 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.

Safety:

Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe dust, fume, gas, mist, vapours or spray. Wash hands, face and all exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective clothing, gloves, eye/face protection and suitable respirator. In case of inadequate ventilation wear respiratory protection.

Fire:

If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Storage

Before storing box all like for like containers.

Do not store directly on concrete or cold surfaces, or in damp poorly ventilated environments. Store locked up in a well-ventilated area off the ground at a consistent moderate temperature. Products once opened and stored correctly have a limited storage life approximately 24 months. Part-used cans have a limited life and can alter appearance. Do not use or store near heat or open flame.

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

Information

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

For further information on Dryden WoodMaster refer to the Dryden WoodMaster Cleaning Guide and Dryden WoodMaster SDS.

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