



Dryden WaxEndSeal

Data Sheet

Dryden WaxEndSeal is a wax emulsion designed to assist with sealing vulnerable weather exposed cut ends of timber.

Dryden WaxEndSeal is specifically formulated to control the rate of moisture ingress and egress in timber end grain. This is achieved by forming a durable wax barrier between the exposed end grain and the surrounding ambient atmosphere.

Sealing exposed timber end grains is recommended as end grains can absorb moisture up to 250 times more rapidly than other timber surfaces.

Dryden WaxEndSeal helps to reduce excessive moisture changes, which decreases end grain defects such as, decay, cracking, splitting.

Dryden WaxEndSeal is effective and easy to use. Once applied it is low maintenance and helps provide timber stability.

Area Usage

Dryden WaxEndSeal is used on architectural builds where exposed ends such as hardwood beams, timber screens, LVL timbers, laminated timber beams and posts etc that need ultimate protection.

Dryden WaxEndSeal can be used as a preventative on green and unprocessed timbers, posts, sawn timbers, beams etc during their drying process.

Dryden WaxendSeal can be used on exposed ends of timbers which have been coated with one of the Dryden coating systems.

Dryden WaxEndSeal is milky in appearance but will dry clear.

Dryden WaxEndSeal Caution

Avoid Dryden WaxEndSeal on any aesthetic faces or where a Dryden product is to be applied, as coating after application cannot be achieved.

Note: Dryden WaxEndSeal is not recommended for sealing cut ends of cladding and decking etc prior to fixing. This must be done with the same product and colour that was used to pre-coat the timber. ***Never use Dryden WaxEndSeal to seal these areas.***

Coverage Rate

One Litre of Dryden WaxEndSeal, when applied as directed, will cover approximately 6m² per litre, depending on dryness and porosity of the end grain.

Application Tools

Brush
Speedbrush

Note: Always use a dedicated speedbrush or brush that can be disposed of on completion of works, the nature of the product will not allow cleaning.

Timber Preparation

Brush end grains free of any loose surface material prior to application.

Temperature Ranges:

Applied at 25°C and 50% relative humidity.

Note: At no time should product be exposed to temperatures below 5°C.

Drying Time:

When applied at 25°C and 50% relative humidity, End Seal will be touch dry in approx. 10-30 minutes and fully dry within 2 hours. For colder or more humid conditions, longer times can be expected.

Moisture Content:

Do not apply to exposed timber if rain is expected within 4 hours of application. Dryden WaxEndSeal should only be applied to dry timbers (ideal conditions is dryweather).

Timber moisture content must be a maximum of 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.

Protect:

Protect newly coated timber exposed end grains 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.

Application

Application of the Dryden WaxEndSeal to ends of timber posts, beams, green timber etc will reduce end grain splitting.

For maximum protection, Dryden advise that WaxEndSeal should be applied as soon as the timber is available for coating.

Use in well ventilated areas.

Coating

Thinning, if required, may be achieved by thorough stirring.

Water should not be added, as this will reduce the effectiveness of End Seal.

Note: Dryden WaxEndSeal must be applied after the appropriate coats of any Dryden coating system.

-Dryden WoodMaster; 24 hours after last coat before sealing is undertaken.

-Dryden WoodOil (with or without Dryden ColourTone) must be left to migrate for a **minimum of 7 days** before sealing is undertaken.

-Dryden LVOC WoodOil and Dryden Decking & Hardwood WoodOil must be left to migrate for a **minimum of 7 days** before sealing is undertaken.

All areas to be coated should be clear of dirt, debris and contamination.

Liberally apply a single coat of Dryden WaxEndSeal to the end grain.

Note: Avoid Dryden WaxEndSeal on any aesthetic faces or where a Dryden product is to be applied, as coating after application cannot be achieved.

Applied at a good even coverage Dryden WaxEndSeal will appear white but dry clear.

Note: A subsequent coat (after 24 hrs) is only necessary if deemed required due to access issues etc.

Completion & Clean Up

Clean up all equipment and spills with water before Dryden WaxEndSeal dries and hardens.

Storage

Product stored for any length of time should always be agitated before use either in a mixing vessel or by shaking or stirring the product for three minutes.

To revive Dryden WaxEndSeal emulsion that has become lumpy or separated during storage, use a high-speed mixing paddle (as used for paint mixing) and mix for a few minutes, or similar action.

Note: Dryden WaxEndSeal has a shelf life of approximately twelve (12) months from the date of manufacture when stored under cover in original packaging.

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.

Do not use or store near heat or open flame.

Disposal

Do not pour unused Dryden WaxEndSeal down drain.

Unwanted Dryden WaxEndSeal 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.

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

Refer Dryden WaxEndSeal SDS for detailed information.

Safety

Read label before use. Keep out of reach of children.

If medical advice is needed, have product container or label at hand.

Avoid contact with skin and eyes.

Avoid breathing dust, fume, gas, mist, vapour or spray.

Wear overalls, safety shoes, impervious gloves and safety glasses.

Use only in well ventilated areas.

Wash hands after use.

Keep containers closed when not in use.

Fire

If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Spills & Leaks

Clear area of all unprotected personnel.

Slippery when spilt.

Wear protective equipment.

Absorb with sand or soil. Collect and seal in properly labelled drums.

Dispose of contents/container in accordance with local body requirements.

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 refer Dryden WaxEndSeal SDS.

For additional information contact:

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