



FISHER'S
TIMBER
TREATMENT

H2 USE
RED COLOUR

TREATED TIMBER
PERMETHRIN
PRESERVATIVE
TREATED USING THE
TRU-CORE® PROCESS

TREATED TIMBER PERMETHRIN PRESERVATIVE TREATED USING THE TRU-CORE® PROCESS

AS1604.1 Standard

TIMBER TYPES

- ✓ Radiata Pine and other softwood species and hardwood species according to AS1604.1 for timber products.
- ✓ Softwood or other Hardwood Timber, meeting the relevant specification for grade and moisture content according to requirements, and other types of wood on request.

TIMBER IDENTIFICATION

Each piece will be either continuously ink or imprint branded along one surface or end tagged to meet the identification requirements of AS1604.1 showing:

The treatment plant number, the preservative number and the hazard class.

MATERIAL COMPATIBILITY

Permethrin Treated Timber has been used for over 10 years as a solvent based preservative. This water-based treatment has been shown to perform in severe tropical tests. Use building materials identified by those suppliers as being compatible with treated timber. Follow the material manufacturers' instructions for product selection and use application.

CHECKING MOISTURE CONTENT

Follow the moisture metre calibration and correction factors for temperature, wood species, wood thickness and treatment as specified for your device.

For resistance type moisture metres Copper treatment correction factors vary with moisture content. For example, to get average corrected timber moisture content:

Metre reading: 10-13 Subtract 2

Metre reading: 14-18 Subtract 3

Metre reading: 19-24 Subtract 4

Note: The correction factors vary for each brand of moisture metre. Contact the moisture metre supplier for correction factors. Contact Kop-Coat for Moisture Metre recommendations.

TIMBER USE

Refer to the Standard AS1604. Specification for treated timber. Part 1: Sawn and round timber

PAINTING & STAINING

Tru-Core® timber can be painted/stained to meet any outdoor colour scheme. Kop-Coat Australia recommends the use of high quality oil and latex based paints, stains or water repellent UV protectant coatings, as is industry accepted with Permethrin treated wood. The wood must be dry and clean prior to applying any finish coating. If initial cleaning of the treated wood is needed, it is recommended that the project be cleaned with a deck cleaning product and allow to fully dry. At this time, a clear water repellent can be added to the project. If applied, allow 8 weeks prior to the application of a semi-transparent stain or paint. If no water repellent is added, an oil based stain can be applied to the clean, dry wood in 30-60 days from treatment date. A water-based stain can be applied to the clean, dry wood in 45-70 days from treatment date. If the wood is left uncoated and without UV protection, the colour of the treated wood will naturally change to a gray color over long-term exposure to the sun.

Users must always conduct their own tests on coatings in inconspicuous areas of the project to determine acceptability of colour, adhesion and appearance.

Always follow the manufacturer's recommendations for proper application of finishes.

FASTENERS & FITTINGS

- Use fittings and fasteners that meet the requirements of the Building Code of Australia and Australian Standards for the intended use application.
- Use fasteners and fittings approved by the fastener manufacturers for non-copper water-based systems.
- High grades (304, 305, and 316) of stainless steel materials perform the best on both untreated and all treated timber options.
- Use hot dipped zinc galvanized materials. Mild steel may be able to be used under some end use circumstances.
- Follow fastener and fitting instructions of manufacturer.

CUTTING, DRILLING & MACHINING

Cutting the treated timber to length or drilling is permissible. In extreme exposure situations the application of a supplementary coating may be required. Machining treated timber is not recommended. Contact the timber supplier or preservative supplier for advice.

PROTECTION

Permethrin H2 has been approved in Australia for timber for nearly 10 years. The use of Permethrin as a water-based treatment system so a hydrocarbon solvent carrier is not required, is a new development and supported by data to show bioequivalence. Refer to AS1604.1 H2 for typical use applications.



KOP-COAT
Wood Protection Products

What is TRU-CORE®?

A chemically-based process for rapidly delivering globally accepted wood preservatives and insecticides deep into the core of wood and wood-composite substrates.

HEALTH & SAFETY

Contact Kop-Coat for a Tru-Core® Treated Timber Safety Data Sheet. The precautions for handling Tru-Core® Treated Timber require the following personal protection:

1. Wear gloves. Leather, canvas or Kevlar® gloves are suitable when handling dry treated timber.
2. Use eye protection and a dust mask when cutting, sanding, machining treated timber.
3. Wash exposed skin before rest or meal breaks and at the end of the work day.
4. Launder work clothes separately from household laundry.

STORAGE & HANDLING

Timber moisture content can be an important product specification. Therefore, treated timber, like all dry preservative treated timber must be stored under cover or be protected from rain and weather with an impervious plastic wrap. Keep the timber wrapped or covered during storage, transport and prior to use on the construction site.

Always protect timber from rain and weather during storage and transport.

As with any type of dry treated wood, it is recommended that H4 or other durable bearers be used to create an air space at least 100mm beneath the packets of timber.

Do NOT use H2 treated timber for applications where a higher hazard class specification is required.

Do NOT use for food preparation surfaces nor in storage units or containers where the foodstuffs will be in direct contact with the treated timber surface.

ENVIRONMENT & DISPOSAL

- Do NOT use this treated wood, or any treated wood, for heating, cooking, animal bedding, or garden mulch.
 - No ash from burning any type of treated wood should be disposed of in gardens or used in animal feed or fertilizers or disposed of in such a way that it will contact plants, animals, people, or waterways.
 - Dispose of treated wood waste safely. Burning in commercial or industrial facilities may be acceptable. Otherwise, dispose of in an approved landfill. Check Local or State Authority requirements.
 - Like untreated wood, small volumes of treated timber off-cuts may be disposed of in normal household rubbish. (Contact your State Authority for disposal options).
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QUALITY

Tru-Core® treated timber is available only from licensed manufacturers. These manufacturers use on-site tests and process control procedures to verify that treated timber meets the H2 requirements of the preservative Standard AS1604.1.

Independent laboratories and auditors work with each manufacturing facility to provide additional assurance that treated timber will meet the Standard.

Kop-Coat Australia warrants the treatment to meet AS1604.1 H2. The licensed treated timber manufacturers warrant the treated timber to meet AS1604.1 H2.

TREATMENT PROCESS

The Tru-Core® Process (Patented and Patents Pending) can be used to fully penetrate many different types of wood products. This treatment process can also be used to penetrate heartwood, "hard to treat" wood species, and the multiple glue lines of engineered wood products.

The Tru-Core® Process can be used to treat wood while maintaining wood product properties and the low water uptakes during treatment assist with meeting end product wood product moisture specifications.

The Tru-Core® Process provides either in- line or batch treatment options for wood product manufacturers.



“Our mission is to provide innovative solutions, quality products and reliable service to our customers.”

**Low Fisher,
Managing Director**

Treatable Timber Species:

Radiata Pine
Victorian Ash
Red & White Baltic Pine
Douglas Fir / Oregon

Ideal For

- ✓ Framing
- ✓ Bearers & bracing
- ✓ Structural materials (All sizes)
- ✓ Plywood
- ✓ Engineered Wood Products
e.g: Plywood, Joists,
LVL beams & Joists

FISHER'S TIMBER TREATMENT

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Australian Standards

The Tru-Core® Process is used to treat timber to meet the AS1604.1 H2 treatment standard. To meet this treatment Standard the Tru-Core® Process has been used to apply the well-known preservative Permethrin.

Refer to AS1604.1 H2 for penetration requirements. The Tru-Core® Process provides greater penetration for durability.