Green Color

TREATED TIMBER

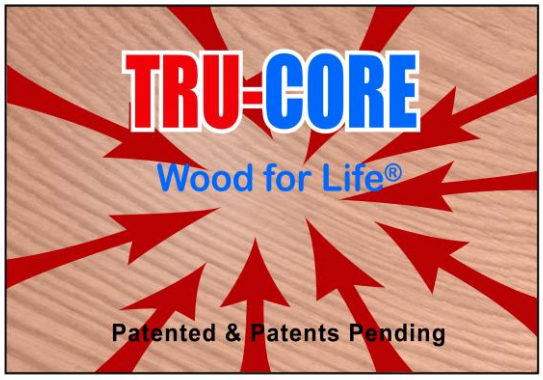
Copper Quat Preservative

Using the TRU-CORE® Process

H3 USE

Australia

AS1604.1 Standard



TIMBER USE:

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

TIMBER TYPES:

1. Radiata Pine, other softwood species and hardwood species according to AS1604.1 for sawn timber products.
2. Timber meeting the relevant specifications for grade and moisture content according to requirements.

TIMBER IDENTIFICATION:

1. 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:
    a) The treatment plant number, the preservative number and the hazard class.

CHECKING MOISTURE CONTENT:

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

For resistance type moisture meters Copper treatment correction factors vary with moisture content. For example, to get average corrected timber moisture content:
Meter reading: 10-13 Subtract 2
Meter reading: 14-18 Subtract 3
Meter reading: 19-24 Subtract 4

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

. **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 pre-nailed trusses and frames 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 100 mm beneath the packets of timber.

CONDITIONS OF USE:

Do NOT use H3 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).

FOR MORE INFORMATION CONTACT:
Kop-Coat Australia PTY Limited
Unit 1, 2 Park Road
Rydalmere, NSW 2116, Australia

Phone: (+61) 04 20 596 149

Email: kopcoatauz@xtra.co.nz

July 2015

Green Color

TREATED TIMBER

Copper Quat Preservative

Using the TRU-CORE® Process

H3 USE

Australia

AS1604.1 Standard

TRU-CORE Wood for Life®

Patented & Patents Pending

PAINTING AND STAINING:

TRU-CORE® H3 Copper Quat treated timber can be painted/stained to meet any outdoor color 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 alkaline copper quat 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. In 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 typical green color of the treated wood will naturally weather 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 color, adhesion and appearance.

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

FASTENERS AND 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 Copper Quat Treated Timber.

High grades (304, 305, and 316) of stainless steel materials perform the best on both untreated and Copper Quat Treated Timber

Use hot dipped zinc galvanized materials. Mild steel and Aluminum should not be used. Use epoxy coated fasteners only if specifically guaranteed by the fastener manufacturer for use with Copper Quat Treated Timber.

Follow fastener and fitting manufacturers' instructions.

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 treated timber or preservative supplier for advice.

MATERIAL COMPATIBILITY:

Copper Quat Treated Timber has been used for over 20 years. Use building materials identified by those suppliers as being compatible with Copper Quat Treated Timber. Follow the material manufacturers' instructions for product selection and use application.

AUSTRALIAN STANDARDS:

The TRU-CORE® Process is used to treat timber to meet the AS1604.1 H3 treatment standard.

To meet this treatment Standard the TRU-CORE® Process has been used to apply the well-known preservative Copper Quat.

For H3 treated timber the AS Standard requires complete penetration of the sapwood and a portion of the heartwood to be penetrated depending on the natural durability rating for the timber species, timber piece dimensions and proportion/location of any heartwood in the timber piece cross-section. . Refer to AS1604.1 H3 for penetration requirements.

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 H3 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 H3. The licensed treated timber manufacturers warrant the treated timber to meet AS1604.1 H3.

TIMBER PROTECTION:

Copper Quat type preservatives and as a H3 treatment has been approved in Australia for timber for about 20 years. Refer to AS1604.1 H3 for typical use applications.

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.

FOR MORE INFORMATION CONTACT:

Kop-Coat Australia PTY Limited
Unit 1, 2 Park Road
Rydalmere, NSW 2116, Australia
Phone: (+61) 04 20 596 149
Email: kopcoatauz@xtra.co.nz

For additional information please see the reverse side of this Technical Bulletin.

July 2015