

# Technical Data Sheet #3

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This document supersedes all previous versions

## Resealing treated timber

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### General

Many timber products are preservative treated to extend their service life ensuring that timber can be used with confidence in many applications ranging from landscaping and fencing to window frames and cladding as well as house framing.

The different situations where these products are used involve different levels of weather exposure, fungal decay and insect attack. For example, house framing may be exposed to potential termite and borer attack whereas landscaping timbers may be exposed to fungal decay and termite and borer attack. Modern preservative treatment methodologies use different preservative formulations to give the treated timber product an extended service life.

That is why it is important to ensure that the preservative treated timber you buy is treated to the appropriate "Hazard Class" or "H" level for your application.

This should be indicated on the timber by a burn brand, label or mark indicating the appropriate H-level, eg. timber for outdoor use in above ground applications should be treated to an H3 level. Timber for ground contact applications should be treated to an H4 level or H5 depending on ground conditions and structure importance.

For more information on Hazard Classes for preservative treated timber, go to our website at [kopperspc.com.au](http://kopperspc.com.au).

### Why reseal with a brush on preservative product?

All preservative treatments complying to the Australian Standard (AS/NZS 1604 series) are treated in dedicated timber treatment facilities. Most traditional timber treatments are applied using a vacuum/pressure process.

However, new generation treatments can be applied by a dip or spray or in the glue matrix of engineered timber products such as plywoods, LVL and others.

When a treated timber product is cut, notched, drilled or worked in any way that breaks the surface of the timber product, it is generally recommended that a resealing preservative product be applied to the exposed areas. Resealing with a remedial preservative is important to protect newly exposed and potentially harder to treat areas from fungal decay or insect attack. Envelope treated "blue framing" is an exception, see over page.

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### Water-based Pressure Treated Copper Preservative Treatments

Includes MicroPro®, MicroPro® Sienna, (Micronized Copper Quat or Azole), CCA (Copper Chrome Arsenate) and ACQ® (Alkaline Copper Quaternary).

Products treated with these formulations should be resealed with PROTIM® SOLIGNUM® CN TIMBER OIL (CN Oil). This is a copper-based solvent/oil formulation that is green in colour. If applying to the cut ends of MicroPro Sienna treated products the timber will initially have a green colour, however this will change to a brown shade after a short period of weather exposure. If a paint system is to be applied after resealing, allow time for the CN Oil to be absorbed into the timber and then follow paint manufacturers' recommendations.



### Solvent-based Pressure Treatments (LOSP)

Products treated with these formulations should be resealed with PROTIM SOLIGNUM XJ CLEAR TIMBER PROTECTIVE (XJ CLEAR). If a paint system is to be applied after resealing, allow time for the XJ Clear to be absorbed into the timber and then follow paint manufacturers recommendations. LOSP may be used for H2 internal house framing particularly in areas North of the Tropic of Capricorn where envelope treated "blue framing" should not be used. All cut ends, drill holes and planed faces of the LOSP framing should be resealed.



### Envelope Treated "Blue" Interior Timber Framing

These products have a preservative product applied to the surface layer of the timber including the ends. Internal framing timber treated with Koppers Determite Blue framing preservative does not need the application of a remedial preservative to cut ends or drill holes due to the action of the preservative, however, planed surfaces should be resealed.

Use PROTIM-SOLIGNUM XJ CLEAR TIMBER PROTECTIVE (XJ Clear) for Blue Treated framing.

For further information please refer to individual Technical Data Sheets for CN timber oil and Protim Solignum XJ including health and safety information.