



Ecwood® Treated Timber



ECOWOOD® treated timber is a range of pressure treated timber and wood products that have been treated using alternative formulations to traditional CCA for protection against decay and insect attack.

ECOWOOD® treated timber preserved using Tanalith E wood preservative is suitable for use in Hazard class' H3, H4 and H5. Suitable for use where high human contact is expected, including playgrounds, schools, recreational areas and national parks.



ECOWOOD® is ideally suited for exterior applications such as outdoor tables, playground equipment, pergolas, balconies, handrails and decks, as well as for structural posts and beams, feature profiles, reveals, fascia and garden edging.

ECOWOOD® PRESERVATIVE

Tanalith® E wood preservative is a formulation used to produce Ecowood® treated timber and contains copper and an azole co-biocide. Tanalith® E is one of the most successful wood preservatives introduced throughout the world in recent times. It is suitable for the following Hazard or use classes for which it has been marked; (H3) - above ground, (H4) - in-ground and (H5)-in-ground contact with or in freshwater.

ECOWOOD® APPROVALS

ECOWOOD® is a registered trademark of Lonza or its subsidiaries. The Tanalith® E formulation used in ECOWOOD® treated timber has been approved for use in Australian Standard AS1604 and New Zealand standard NZ3640.

Tanalith® E wood preservative has been approved for use by the Australian Pesticides Veterinary Medicines Authority (APVMA).

ECOWOOD® PERFORMANCE

First introduced in 1992, timber treated with Tanalith® E wood preservative has been in use as a highly effective alternative to CCA in some global regions for 25 years.

USING ECOWOOD® AROUND FOOD, WATER, VEGETABLES OR OTHER PLANTS

As with any treated wood, ECOWOOD® should not be used in direct contact with human food or drinking water during storage or preparation.

Incidental contact of food with treated timber, such as in play grounds, picnic tables and decks is fine as there is little potential for migration of the preservative onto the food. Similarly, ECOWOOD® treated timber is suitable for grape and tomato stakes, garden edging, landscaping, mushroom trays, greenhouse uses and similar applications.

APPEARANCE

The colour of Ecowood® treated timber produced using Tanalith® E Preservative slowly weathers from an initial green hue to a warm, honey brown and in the longer term a natural silver grey.

Ecowood® treated timber is also available with a built in red-brown colour when treated using Tanalith® E Wood Preservative and Tanatone® Terra Rossa™. Like all natural products this will also fade over time.

SAFE HANDLING

Similar to working with untreated timber, use common sense safety and hygiene precautions. Keep your work area clean, avoid inhalation of wood dust, wear appropriate safety equipment for the tools you are using (such as safety glasses when power sawing) and wash your hands before meal breaks and after work.

FASTENERS AND FIXINGS

Corrosion resistant metal fixings and fasteners are recommended in weather exposed or damp situations. Hot dip galvanised, nickel coated or stainless steel should be suitable. Contact with zincalume coated sheet steel roofing may cause pitting of the metal coating.

END SEALING ECOWOOD®

Freshly exposed surfaces from cutting or machining should be resealed with an "in can" timber preservative solution such as Tanalised® Ecoseal.

MAINTAINING ECOWOOD®

As for all timber in exterior, weather exposed situations, painting or staining is strongly recommended to protect against bleaching, surface moulds and stains, cracking and dimensional movement. To obtain the best performance with ECOWOOD® treated timber use Tanacare® Timbercoat oil. Always follow the paint manufacturer's instructions for application and maintenance of the coating.

DISPOSAL OF ECOWOOD® OFFCUTS

Domestic users can dispose of ECOWOOD® wastes and offcuts through normal waste collection and disposal services. Trade and commercial users should check with local government and EPA regulations for the correct disposal of trade and commercial waste. Treated sawdust and shavings are not recommended for composting, mulching or for use as animal litter. DO NOT BURN. Treated timber must not be burnt in domestic heaters nor used as cooking fuel. Most states have laws against the open burning of treated timber.

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