

ECOWOOD®

GOOD FOR GENERATIONS TO COME



new generation treated timber

MANY AUSTRALIANS ARE LOOKING FOR A NEW GENERATION TREATED TIMBER, DURABLE ENOUGH FOR OUTDOOR AND GROUND CONTACT BUILDING APPLICATIONS AND SAFE FOR REGULAR CLOSE HUMAN CONTACT. ECOWOOD® IS THE IDEAL TREATED TIMBER BECAUSE IT IS FAMILY-FRIENDLY AND HIGHLY RESISTANT TO TERMITES AND WOOD ROT.

PEACE OF MIND

As a result of recent government regulation, traditional CCA (copper chromium arsenate) treatment has been withdrawn from certain timber commodities used for residential decking, playground equipment, handrails, garden furniture, picnic tables and other uses where frequent and direct human contact is expected. [Discerning builders, landscapers, architects and home owners can now specify Ecowood® for all structural, outdoor and in-ground building because:](#)

- Ecowood® uses family-friendly new generation preservatives that comply with the latest government regulations;
- All timber is sourced from sustainable tree plantations in Australia and New Zealand;
- Manufacture occurs in environmentally compliant facilities to Australian Standards;
- Ecowood® is warranted against failure due to termites and decay by guarantee (see below).

A range of new generation Ecowood® timber products are available through this store.

Durable and safe Ecowood® has many uses

Ecowood® products range from rot and termite resistant outdoor structural and decking timbers treated to H3 levels through to H4 and even H5 treatment levels for the most demanding in-ground outdoor building uses, including retaining walls.

Tanalised® Structural Guarantee Ecowood® Outdoor Treated Products

The preservatives in Ecowood® are manufactured by Arch Wood Protection and Ecowood® treated timber is manufactured by many independent producers throughout Australia and New Zealand. The Tanalised® Structural Guarantee covers material replacement and labour (up to limited times) should any correctly treated and installed Ecowood® products become structurally unserviceable due to the action of termites or decay, from the time of purchase, as per the table below.



Treatment Level	Specific Application Examples	Conforming Tanalised Preservative Numbers (see overleaf)	Guarantee Period Replacement and Labour Costs	Guarantee Period - Product Replacement Only
H3 Decking above ground direct horizontal exposure	Decking, seats and benches	57, 58, 64	0 to 7 years	8th year to 15 years
H3 General use Above ground	Bearers, joists, fascia, pergolas, cladding, handrails, verandah posts fence pickets	57, 58, 64	0 to 10 years	11th year to 25 years
H4 Ground contact, non-structural applications	Garden edging, fence posts, landscaping	58	0 to 10 years	11th year to 25 years
H5 Ground or fresh water contact, structural applications	Building poles, engineered retaining walls, fresh water piles	58	0 to 15 years	16th year to 50 years

Note: Conditions and exclusions apply. See the guarantee document for full details. Tanalised® and Ecowood® are registered trademarks of Arch Wood Protection.

Ecowood® and other treated wood products are available from:



BEST PRACTICE WITH TREATED TIMBER

Treated timber is manufactured to provide long lasting, in-built protection from natural enemies such as termites and wood rot. Selection of timber with an appropriate preservative treatment is essential when timber is used for outdoor and ground or water contact applications. Trades people and consumers should always ensure they choose the correct specification of treated wood by checking the timber treatment codes and labelling. Always work safely and dispose of any waste appropriately.

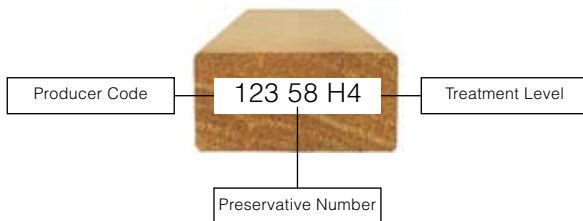
CHOOSING THE RIGHT TIMBER

The end use should determine the choice of preservative and treatment level required. Questions to ask are: Will the timber be used inside or outside a building? Will it remain dry or get wet and will there be any ground contact? Will there be frequent human skin contact with the timber after installation? For advice on treated wood for almost any conceivable building project contact your supplier or the Timber Preservers Association of Australia on (03) 9596 8155 or visit www.tpaa.com.au



This table provides some examples:

Treatment Level	Specific Application	Conforming Treated Timber Examples
H2 Dry and protected from weather (termites and borers only)	Internal wall framing and trusses	H2F Envelope and H2 Red
H3 Outdoors above ground and direct human skin contact	Decking boards, handrails, seats, benches, play equipment	Ecowood® (LOSP, Copper Azole)
H3 Outdoors above ground general and structural applications	Structural timbers for timber decks, Ecowood® fencing, carports	Ecowood® (LOSP, Copper Azole) Tanalised C (CCA)
H4 Outdoors ground contact and direct human skin contact	Playground equipment, sandpits, seating	Ecowood® (Copper Azole)
H4 Outdoors ground contact General non-structural applications	Garden edging, fence posts, landscaping	Ecowood® (Copper Azole) Tanalised C (CCA)
H5 Ground or fresh water contact Engineered or structural applications	Building poles, engineered retaining walls, fresh water piles	Ecowood® (Copper Azole) Tanalised C (CCA)



UNDERSTANDING TIMBER TREATMENT CODES AND LABELLING

To comply with Australian Standards, treated timber should bear a treatment brand (a label or ink stamp) generally on the end-grain similar to the example shown on the right. This brand provides you with important information.

PRODUCER CODE

This number (the first 3 digits) will uniquely identify the producer. This should be recorded and used if you ever need to make a complaint to the supplier or a guarantee claim.

PRESERVATIVE NUMBER

This two digit number (in the middle of the label) identifies the preservative used in the treated wood. Some of the most common codes are 58 (Copper Azole); 57 and 64 for various LOSP (Light Organic Solvent Preservative) formulations; 01 and 02 means CCA* (Copper Chromium Arsenate). * Please note that CCA preservative has been restricted from treatment of products used in residential decking, handrails, playground equipment, outdoor furniture, park benches and picnic tables.

TREATMENT LEVEL

The final two characters of the label beginning with the letter 'H' reveal the treatment level that the timber has been produced to. You must ensure that the timber is treated to the correct level for your application. One project may need both H3 and H4 and even H5 level treatments. Refer to the table above.

CORRECT INSTALLATION

Some outdoor construction projects may require local government approval so check if in doubt and ensure compliance with the Building Code of Australia, local requirements and any product manufacturer's recommendations. Ensure that the selected timbers are of the correct sizes and structural capacity to suit the application. Seek professional advice if in doubt. All cuts, rebates, drill holes and notches in outdoor timber should be thoroughly resealed with a suitable in-can preservative such as Enseal or Ecoseal available from hardware stores. Use hot dipped galvanized steel, stainless steel or other corrosion resistant fasteners for exterior applications. Paint, stain or seal all timber products in exposed situations for best performance and prevention of discolouration, mould and dimensional distortion.

SAFE HANDLING AND DISPOSAL

Only use treated timber that is clean, dry and free of surface residues. Keep the work area clean and do not allow wood dust to accumulate. Do not inhale wood dust and wear a filter mask while sawing, machining and sanding or any operation where dust is generated. Protect the eyes whilst working with power tools or any work where small particles might be ejected. Wash sawdust off skin and clothes. Wash hands after work and before eating, drinking and smoking. Wash clothes and equipment before re-use.

DO NOT BURN treated timber off-cuts or waste pieces. Domestic and trade users should dispose of sawdust, off-cuts and redundant pieces through normal waste disposal services in compliance with local authority requirements. Treated wood is not recommended for composting, mulching or animal bedding.

For further information about the treated wood products you have purchased please contact your supplier as per details overleaf. Further information on Tanalised wood protection can also be sourced from Arch Wood Protection at www.tanalised.com and via email ArchWood HelpAust@archchemicals.com

For more general information on treated wood we recommend that you contact the Timber Preservers Association of Australia on 03 9596 8155 or visit www.tpaa.com.au

