

# ECOWOOD

Good for generations to come



**ECOWOOD IS SAFE FOR APPLICATIONS THAT ARE IN CLOSE HUMAN CONTACT AND DURABLE AGAINST DECAY AND TERMITE DAMAGE. IDEAL FOR MANY RESIDENTIAL, COMMERCIAL AND CIVIC APPLICATIONS, WHERE OUTDOOR ABOVE-GROUND AND IN-GROUND TIMBER IS SPECIFIED.**

## TYPICAL APPLICATIONS INCLUDE:

- » Decks
- » Retaining walls
- » Viticulture
- » Hand rails
- » Picnic tables
- » Landscaping
- » Outdoor furniture
- » Planter boxes
- » Childrens play structures
- » Fences
- » Pergolas
- » Plywood
- » Garden edging
- » Beehives
- » Cladding
- » Trellis

Safe durable and attractive Ecowood is available for use in Hazard levels H3, H4 and H5 in accordance with AS1604.

## GETTING THE MOST FROM YOUR ECOWOOD

Discerning builders, landscapers, architects and home owners can now take advantage of the following features and benefits by specifying Ecowood for all their structural, outdoor and in-ground building needs:

- » Family friendly, recommended for environmentally sensitive areas or frequent human contact applications.
- » Durable, attractive outdoor wood products, guaranteed against failure from decay and insect attack.
- » Appealing, green appearance after treatment, weathering to a honey brown colour after exposure to sunlight.
- » Ease of disposal for wastes and offcuts through normal waste collection and disposal services in accordance with local authorities.
- » International acceptance: The preservative system in Ecowood (or similar) is used in over 20 countries.

## RE-SEALING REQUIREMENTS

Where a piece of timber is cut to length, rebated or drilled it is essential that the newly exposed surfaces are re-sealed with a suitable in-can timber preservative such as Tanalised Ecosol.

All treated timber should not be rip sawn, re-thickened or heavily planed as these actions will reduce the protection afforded by the treatment.



## PRODUCT APPLICATION DESIGN LIFE

TREATMENT LEVEL	SPECIFIC APPLICATION EXAMPLES	CONFORMING ECOWOOD PRESERVATIVE NUMBERS	PRODUCT DESIGN LIFE
H3 Decking above-ground direct horizontal exposure	Decking, seats and benches	57, 58, 64	15 years
H3 General use above-ground	Bearers, joists, fascia, pergolas, cladding, handrails, verandah posts	57, 58, 64	25 years
H4 Ground contact, non-structural applications	Garden edging, fence posts, landscaping	58	25 years
H5 Ground or fresh water contact, structural applications	Building poles, engineered retaining walls, fresh water piles	58	50 years

ECOWOOD is supported by:



Outdoor Timber is a proud member of:



ECOWOOD is produced by:





## BEST PRACTICE WITH TREATED TIMBER

Treated timber is manufactured to provide long lasting, in-built protection from natural enemies such as decay and insect attack. 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

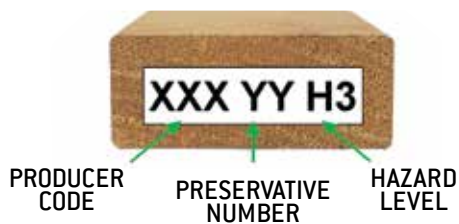
The end use should determine the preservative and treatment level required.

Questions to ask when selecting timber 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?
- Will the timber be used for structural or landscaping purposes?

## Hazard Level Guide

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 (Aquaframe) and H2 Red (Ultraframe)
H3 Outdoors above-ground and direct human skin contact	Decking boards, handrails, seats, benches, play equipment	Ecowood (Vacsol Azure, Tanalith E)
H3 Outdoors above-ground general and structural applications	Structural timbers for timber decks, fencing, carports	Ecowood (Vacsol Azure, Tanalith E) Tanalith O (CCA)
H4 Outdoors ground contact and direct human skin contact	Playground equipment, sandpits, seating	Ecowood (Tanalith E)
H4 Outdoors ground contact General non-structural applications	Garden edging, fence posts, landscaping	Ecowood (Tanalith E), Tanalith O (CCA)
H5 Ground or fresh water contact Engineered structural applications	Building poles, engineered retaining walls, fresh water piles	Ecowood (Tanalith E), Tanalith O (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. This brand provides you with important information and should be recorded for future reference. This needs to be provided to make a complaint to the supplier or a guarantee claim.

### PRODUCER CODE

The first 3 digit number uniquely identifies the treatment provider.

### PRESERVATIVE NUMBER

The two digit number, at the centre of the label, identifies the preservative used. Codes for Ecowood include 58 (Tanalith E) and 64 for (Vacsol Azure). Codes 01 and 02 are for CCA\* (Copper Chrome Arsenate). \* Please note that CCA preservative is restricted from use in the treatment of products used in residential decking, handrails, playground equipment, outdoor furniture, park benches and picnic tables.

### HAZARD LEVEL

The final two characters of the label beginning with the letter 'H' identify the Hazard level the timber has been treated to. You must ensure that the timber is treated to the correct level for your application, refer table above.

## CORRECT INSTALLATION

Some outdoor construction projects may require local government approval. If in doubt contact your local council. 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.

## FASTENERS

Use corrosion resistant fasteners in all cases – hot dipped galvanized steel or stainless steel. or other corrosion resistant fasteners for exterior applications.

## PAINTING

Suitable for painting with all common paints, timber stains, sealants and water repellents. Refer to paint manufacturers instructions prior to application.

## 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 offcuts and waste pieces. Domestic and trade users should dispose of sawdust, offcuts 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.