

Treated Timber Product Update

NatureWood® ACQ® preserved wood products



• From March 2006 per APVMA regulations, domestic deck boards, playground equipment, hand rails and garden furniture will not be produced using traditionally treated timber. As a result, it is likely you will need to know more about ACQ®, a well proven and highly accepted alternative timber preservation system.

• ACQ® the preservative technology in *NatureWood®* products is a waterborne, alkaline, copper, quaternary preservative system developed to provide long-term protection for wood exposed in exterior applications.

• The *NatureWood* ACQ system is based on the well-established effectiveness of copper combined with an organic quaternary compound and is applied to wood by pressure treatment. Together they provide protection from a broad spectrum of Decay fungi, borer and termites.

• ACQ treated timber products are similar to traditional treated wood products - both are pressure treated, long lasting and durable. *NatureWood* preserved wood products offer termite and fungal decay protection similar to that of traditional treated wood.

• *NatureWood* treated timber will initially have a greenish hue; this will weather to a honey brown colour before fading to a driftwood grey after exposure to the elements.

NatureWood® Limited Guarantee* – provides maximum assurance.

• Osmose Australia Pty Ltd offers a **50 year** limited guarantee* on the durability of properly treated, *NatureWood* ACQ treated timber. For the guarantee to apply, the timber must be treated and used in accordance with the national treatment standard AS1604.

*See separate guarantee document for details

See important information overleaf

Nails Fasteners and Fittings

Use fasteners and other hardware which are in compliance with building codes for the intended use.

NatureWood[®] preserved wood products are designed for long-term performance in outdoor applications and therefore require high quality, corrosion-resistant fasteners and fittings. Osmose fastener recommendations for use with *NatureWood* products include Hot-Dip galvanised, Stainless Steel and other hardware as recommended by the hardware manufacturer.

Direct contact of *NatureWood* preserved wood with aluminium is not recommended.

Use an End-coat Preservative

When modifying the original dimension of treated timber, this may expose untreated heartwood. All notches, holes, cut-ends or planed surfaces must be liberally coated with an appropriate brush-on preservative.

Hazard Classifications

H1 Hazard Level

Exposure – inside above ground. Conditions – completely protected from the weather and well-ventilated. Biological Hazards – insects other than termites (i.e. lyctid or anobiid).

H2 Hazard Level

Exposure – inside above ground. Conditions – completely protected from the weather and well-ventilated. Biological Hazard – borers including termites.

H3 Hazard Level

Exposure – outside above ground. Conditions – subject to periodic moderate wetting and leaching. Biological Hazard – moderate decay, borers and termites.

H4 Hazard Level

Exposure – outside in ground. Conditions – subject to severe wetting and leaching. Biological Hazard – severe decay, borers and termites.

H5 Hazard Level

Exposure – outside in ground contact with or in fresh water. Conditions – subject to extreme wetting and leaching and/or where the critical use requires a higher degree of protection. Biological Hazard – very severe decay, borers and termites.

Important Information

1. Do not burn preserved wood
2. Wear dust mask & goggles when cutting or sanding wood
3. Wear gloves when working with wood
4. Some preservative may migrate from the treated wood into soil/water or may dislodge from the treated wood surface upon contact with skin. Wash exposed skin areas thoroughly.
5. All sawdust and construction debris should be cleaned up and disposed of after construction
6. Wash work clothes separately from other household clothing before reuse
7. Preserved wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges
8. Do not use preserved wood under circumstances where the preservative may become a component of food, animal feed or beehives
9. Do not use preserved wood as mulch
10. Only preserved wood that is visibly clean and free of surface residue should be used
11. Do not use preserved wood in direct contact with aluminium
12. If the wood is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed
13. Disposal Recommendations: Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state and local regulations
14. If you desire to apply a paint, stain, clear water repellent or other finish to your preservative treated wood, we recommend following the manufacturer's instructions and label of the finishing product. Before you start, we recommend you apply the finishing product to a small exposed test area before finishing the entire project to insure it provides the intended result before proceeding
15. For more information visit www.naturewoodproducts.com
16. Mold growth can and does occur on the surface of many products, including untreated and treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mold from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mold.

For technical advice and service contact us on:

Osmose Australia Customer Support 1 800 088 809

www.osmose.com.au

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ACO products are treated with Alkaline Copper Quaternary preservatives. CCA products are treated with Chromated Copper Arsenate preservatives. © Osmose Australia 08/2005 NWAUNZBROO1-0805