

NatureWood® - Performance Guaranteed

NatureWood products are backed by a 50 Year Guarantee! (Conditions apply, ask your retailer for details.)

NatureWood® ACQ™ Product Features

- Provides long-term protection from rot, fungal decay and insect attack.
- Initially weathers to a warm honey brown colour.
- Easily painted or stained.
- Quality control ensured by industry recognized Quality Assurance systems.
- NatureWood Plus has a built-in water repellent (*MoistureGuard*).
- BRANZ appraised: Certificate number 410 (2001).
- Approved for use up to and including H5.
- Wood scraps can be disposed of in ordinary rubbish collection.
- Features a 50 Year Guarantee. Ask your retailer for a copy of the NatureWood 50 Year Guarantee brochure for details.

How to Specify

Simply specify Osmose NatureWood or NatureWood Plus. Ensure you specify the correct Hazard Level for the desired application, see following chart. These brands replace "Preserve" and "Preserve Plus".

Timber Care

Cutting, notching or boring may expose untreated heartwood. A liberal coating of **PROTIM Reseal** is recommended to restore the protective envelope. For more details refer to the **PROTIM TimberCare** product literature. The appearance and surface water repellancy of Osmose NatureWood and NatureWood Plus treated timber can be enhanced periodically with **PROTIM Raincoat UV Plus**.

Handling and Use Recommendations

The preservatives in NatureWood products are frequently used in products that are common in our every day lives. Copper, a naturally occurring mineral, is an effective and widely used fungicide and quaternary compounds are commonly used in household disinfectants and cleaners. NatureWood preservatives penetrate deeply into and will remain in the wood for a long period of time. However, some preservative may migrate from the preserved wood into surrounding soil over time and there may also be incidental contact with skin during construction or use.

Recommendations

- Do not burn preserved wood.
- Wear a dust mask and goggles when cutting or handling wood.
- Wear gloves when working with wood.
- All sawdust and construction debris should be cleaned up and disposed of after construction.
- After working with the wood wash exposed areas thoroughly.
- Wash work clothes separately from other household clothing before reuse.
- Preserved wood should not be used where it may come into direct

- contact or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.
- Do not use preserved wood under circumstances where the preservative may become a component of food, animal feed, or beehives.
- Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with National and Regional rules and regulations.
- Do not use preserved wood for mulch.
- Preserved wood that is visibly clean and free of surface residue should be used for patios, decks and walkways.

Classifications for Treated Timber

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). **Uses** - framing, flooring, furniture, and interior joinery.

H2 Hazard Level

Exposure - inside above ground. **Conditions** - completely protected from the weather and well ventilated. **Biological Hazard** - borers including termites. **Uses** - framing, flooring, furniture and interior joinery.

H3 Hazard Level

Exposure - outside above ground. **Conditions** - subject to periodic moderate wetting and leaching. **Biological Hazard** - moderate decay, borers and termites. **Uses** - weatherboard, fascia, window joinery, framing and decking.

H4 Hazard Level

Exposure - outside in ground. **Conditions** - subject to severe wetting and leaching. **Biological Hazard** - severe decay, borers and termites. **Uses** - fencing, greenhouses, pergolas and landscaping timber (non-critical structures).

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. **Uses** - retaining walls, piling, house stumps, building poles, cooling tower fill.

For more information contact

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NatureWood® ACQ™
HAS BEEN



* For further information see separate guarantee documents.

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Osmose®

Preservation Technology at Work



For the Preservation of

- Decking
- Landscaping
- Gazebos
- Fencing
- Steps
- Walkways
- Weatherboards
- Storage Sheds
- Outdoor Furniture
- Playground Equipment
- Trellis and Lattice
- Timber Bridges
- and much more...

Approved for all Hazard Levels H1 to H5

*For almost a decade,
ACQ™ treated timber products
have been used in some of the
world's most beautiful locations.*

*From the pristine environments of
national parks in Australia, North
America, Europe and Japan, to
neighbourhood playgrounds and
backyards like yours.*

*We have a new name for all timber
treated with ACQ™ from Osmose...*

“Osmose® NatureWood®”
*... a durable building product
for all outdoor projects.*

NatureWood® Preservative Protection

The main active ingredient in the **NatureWood** preservative system is copper, which has long been known as an effective wood preservative. The copper is coupled with a quaternary compound (quat) co-biocide for enhanced performance against copper-tolerant fungi and insects. Quats are commonly used in household disinfectants and cleaners.



NatureWood® Plus with MoistureGuard™ Offers Improved Weathering Performance

Wood which is exposed outside to the weather is subject to repeated wetting and drying cycles which cause wood to swell and shrink, resulting in splitting, cracking and warping. **NatureWood Plus** is protected with the combination of a preservative treatment and a built-in water repellent (**MoistureGuard**), to protect against fungal decay, rot, termite attack and to reduce the effects of weathering.

NatureWood Plus with **MoistureGuard** should be specified for outdoor building projects where appearance is important and protection from the effects of weathering is desirable.

Natural Weathering

NatureWood products will initially weather to a natural honey brown colour, eventually turning gray, following long-term exposure to the sun. **NatureWood** and **NatureWood Plus** with **MoistureGuard** can be painted or stained to match any outdoor colour scheme.

Staining and Sealing For NatureWood®

Apply a weather-resistant finish. Any exposed wood, pressure treated or not, should be protected from the weather. Application of a quality clear water repellent or semi-transparent stain which contains a water repellent will help minimize the cycles of moisture take-up and loss the wood goes through outdoors. For maximum protection, one of these products should be applied as soon as project construction is completed.

First, thoroughly clean the timber. A clear water repellent can then be applied to your deck or other project. If you choose to use a semi-transparent stain which contains a water repellent you need to first check that your timber

project is surface dry. This can be tested by sprinkling a few drops of water on the wood surface. If the water is readily absorbed by the wood, apply the semi-transparent stain immediately. If the water is not absorbed by the wood, wait a few days and retest. Or immediately apply a clear water repellent and wait approximately eight weeks and then apply your chosen colour of semi-transparent stain. Always follow the manufacturer's directions and try a small, out-of-the-way area first to ensure satisfactory results.

Staining and Sealing For NatureWood® Plus with MoistureGuard™

The **MoistureGuard** water repellent provides the treated wood product with initial protection against the effects of weathering. To apply a stain or sealer to **MoistureGuard** protected wood, follow these recommended procedures.

An oil based stain can be applied as quickly as 30 - 60 days following installation. Water based stains can be applied after 6 months. Always clean decking before applying water repellents or stains. Sprinkle water on the deck to make sure it absorbs into the surface before applying any brush-on product. Always follow the manufacturer's directions and try a small, out-of-the-way area first to ensure satisfactory results.

Nail Fasteners and Fittings

NatureWood preserved wood products are designed for long-term performance in outdoor applications and therefore require high quality, corrosion-resistant fasteners and fittings. For best results, hot dipped galvanized, stainless steel, or other fittings approved by Osmose are recommended. **Direct contact of NatureWood preserved wood with aluminium is not recommended and should be avoided.** When using **NatureWood** preserved wood in close proximity to aluminium products, such as aluminium siding and door and window frames, a minimum space must be allowed for between the **NatureWood** and the aluminium products. Polyethylene or nylon spacers can be used to maintain the spacing. Another option is to use a polyethylene barrier, with a minimum thickness of 10mm, between the **NatureWood** preserved wood and the aluminium product to prevent direct contact of the wood and the aluminium.