

# MicroPro®



## REVOLUTIONARY NEW TECHNOLOGY

MicroPro® technology is a revolutionary way to pressure treat timber for decks, fences, landscaping, and general construction uses. MicroPro technology offers many benefits, including significantly improved corrosion performance in contact with fasteners and hardware\*.

MicroPro pressure treated timber with the MicroPro technology exhibits corrosion rates on metal products similar to CCA pressure treated timber and untreated timber.

MicroPro pressure treated timber products are protected from termites, borers and fungal decay and are backed by an Osmose® Limited Guarantee\*\*.



# MicroPro®

## MICROPRO® TREATED TIMBER ADVANTAGES

- Long term field testing shows that MicroPro treated timber provides effective protection against fungal decay and termite attack.
- Lighter, more natural timber appearance.
- Improved painting and staining qualities.
- Better corrosion resistance for code-approved fasteners and hardware.
- End uses include interior and exterior above ground and ground contact.
- Compatible with MicroShades®, an innovative micronised pigment colour system.
- MicroShades treated timber colour is similar to some hardtimbers.
- Treated Timber Limited Guarantee. \*\*
- Approved for aluminium contact.\*
- Approved AS1604, APVMA, TUMA QLD and TMA NSW



## MICROPRO TREATED TIMBER APPEARANCE

MicroPro pressure treated timber is lighter in color compared to current copper based treated timber products. The unique appearance of MicroPro treated timber products will help differentiate the product in the marketplace. The attractive colour allows DIYers and contractors to build pressure treated timber projects using treated timber that is lighter, fresher, and more natural in appearance.

MicroPro treated timber products are also available in a popular colour similar to hardtimber utilising the new MicroShades colour pigment system.

Osmose MicroShades is the pigmented colourant system that can be used as an "in-solution" system specifically developed for timber treated with the MicroPro preservative.

\*See fastener and hardware information sheet for details.

\*\*See warranty brochure for complete details.



# MicroPro Preservative is environmentally preferable product certified by Scientific Certification Systems



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Treated Wood Process  
SCS CERTIFIED ENVIRONMENTALLY PREFERABLE  
SCS-EPP-01514 | SCS-EPP-01699

The MicroPro Treated Wood Process is certified under SCS's Environmentally Preferable Product (EPP) program based on Life-Cycle Assessment.

## ENVIRONMENTALLY PREFERABLE PRODUCT (EPP) PROGRAM HIGHLIGHTS AND BENEFITS

The Osmose MicroPro technology is the first treated timber process to be certified under SCS's Environmentally Preferable Product (EPP) program based on Life-Cycle Assessment.

**Reduced Energy Use** – The Osmose MicroPro treated timber process reduces total energy use and greatly reduces greenhouse gas emissions.

**Largely Eliminates Copper Releases** – Timber products treated with the Osmose MicroPro system result in the release of 90% to 99% less copper into aquatic and terrestrial environments when compared to amine copper preservatives treated timber products. The very small amount released bonds readily to organic matter in the soil and becomes biologically inactive, thus effectively eliminating eco-toxic impacts.

## END USE CLASSIFICATIONS FOR MICROPRO PRESSURE TREATED TIMBER PRODUCTS

### General Use - Above Ground

Examples - decking, joists and handrails.

### Ground Contact

Examples - landscaping products, fence and deck posts.

### Ground Contact - Critical Structural Members

Examples - building poles and house piles.



## IMPORTANT INFORMATION

- MicroPro® pressure treated timber has corrosion rates on metal products similar to CCA (chromated copper arsenate) pressure treated timber and untreated timber. For interior or exterior applications, use fasteners and hardware that are in compliance with the manufacturer's recommendations and the building code for their intended use. Where design and or actual conditions allow for constant, repetitive or long periods of wet conditions, only stainless steel fasteners should be used. When using aluminium products in conjunction with MicroPro treated timber, refer to the MicroPro Fastener and Hardware Information Sheet for additional information.
- Do not burn preserved timber.
- Wear a dust mask and goggles when cutting or sanding timber.
- Wear gloves when working with timber.
- Some preservative may migrate from the treated timber into soil/water or may dislodge from the treated timber surface upon contact with skin. Wash exposed skin areas thoroughly.
- All sawdust and construction debris should be cleaned up and disposed of after construction.
- Wash work clothes separately from other household clothing before re-use.
- Preserved timber 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.
- Do not use preserved timber under circumstances where the preservative may become a component of food, animal feed, or beehives.
- Do not use preserved timber as mulch.
- Only preserved timber that is visibly clean and free of surface residue should be used.
- If the timber is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed.
- Disposal Recommendations: Preserved timber may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state, and local regulations.
- If you desire to apply a paint, stain, clear water repellent, or other finish to your preservative treated timber, 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.
- Mould growth can and does occur on the surface of many products, including untreated and treated timber, during prolonged surface exposure to excessive moisture conditions. To remove mould from the treated timber surface, timber should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mould.
- Projects should be designed approved and installed in accordance with federal, state and local regulation governing construction in your area.

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**Osmose Australia**  
**Customer Support 1800 088 809**  
**www.osmose.com.au**

**Osmose New Zealand**  
**Customer Support 0800 78 70 70**  
**www.osmose.co.nz**