

## FASTENER AND HARDWARE INFORMATION SHEET

### **PRESERVATIVE TREATED TIMBER PRODUCTS**

MicroPro® treated timber offers many benefits over many other preservative technologies including significantly improved corrosion performance. MicroPro treated timber exhibits corrosion rates when in contact with metal fasteners and connectors similar to CCA treated timber and untreated timber.

### **GENERAL**

Always use fasteners and hardware that complies with the manufacturer's recommendations and building regulation for their intended use. Fasteners and hardware should be selected to carry the expected loadings and joints in timber should be designed to shed water where possible.

### **EXTERNAL APPLICATIONS**

#### **FASTENERS**

Nails, screws, and other fasteners should comply to Australian Standard AS 3566.2 Class 4 and bolts should have minimum galvanisation levels to AS 1214 Table 2.

#### **HARDWARE**

Connectors, brackets, joist hangers etc.

High Hazard Zones. These are zones that are up to 10km from a surf coast or up to 1km from a non surf coast or near swimming pools, brackish water etc. In these zones Type 304 or Type 316 stainless steel hardware is suitable.

Other Exposed: Use Z275 or hot dipped galvanised hardware with a coating thickness of 300gsm minimum.

### **ALUMINIUM BUILDING PRODUCTS**

Aluminium building products may be placed in direct contact with MicroPro treated timber products used for interior and above ground exterior applications such as:

- Decks
- Fencing
- Landscaping projects

Examples of aluminium products include siding, roofing, gutters, door and window trim, flashing, nails, fasteners and other hardware connectors. However, MicroPro treated timber in direct contact with aluminium products should only be used in code compliant construction applications that provide proper water drainage and do not allow the timber to be exposed to standing water or water immersion.

We recommend you contact the aluminium building product manufacturer for their recommendations regarding their aluminium products in contact with MicroPro treated timber used in ground contact applications or when MicroPro treated timber is exposed to:

- Salt water
- Brackish water
- Chlorinated water, such as swimming pools or hot tubs

Also check with the aluminium product manufacturer regarding compatibility with other chemicals and cleaning agents. Contact Osmose for further information on aluminium contact use in commercial, industrial, and speciality applications such as boat construction.

SEE BACK OFF SHEET FOR IMPORTANT INFORMATION



## 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 treated, 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.



For more information, call 1 800 088 809 or visit [www.osmose.com.au](http://www.osmose.com.au) or [www.scs-certified.com](http://www.scs-certified.com)