Important Information

- Micro-Guard pressure treated wood has corrosion rates on metal products similar to untreated wood. Use fasteners and hardware that are in compliance with the manufacturer’s recommendations and the building codes for their intended use. When using aluminum products in conjunction with Micro-Guard treated wood, refer to the MicroPro Fastener and Hardware Information Sheet for additional information.
- Do not burn protected wood.
- Wear dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Some preservatives may migrate from the treated wood into soil/water or may leach from the treated wood surface upon contact with skin. Wash exposed skin areas thoroughly.
- All assist and construction debris should be cleaned up and disposed of after construction.
- Wash work clothes separately from other household clothing before reuse.
- Preserved wood should not be used where it can 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 wood under circumstances where the preservative may become a component of fish, animal feed, or beehives.
- Do not use preserved wood as mulch.
- Only preserved wood that is visibly clean and free of surface residues should be used.
- 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.
- Disposal Recommendations - Preserved wood may be disposed of in landfill or burned in commercial or industrial incinerators or boilers in accordance with federal, state, and local regulations.
- Projects should be designed and installed in accordance with federal, state, and local building codes and ordinances governing construction in your area and in accordance with the National Design Specifications (NDS®) and the Wood Handbook.
- 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 more information visit www.asa.gov.

Application Information

- Fasteners - MicroPro technology offers many benefits including significantly improved corrosion performance. Micro-Guard broad pressure treated wood with MicroPro technology exhibit corrosion rates on metal products similar to untreated wood.
- Fasteners and hardware that are in compliance with the manufacturer’s recommendations and the building codes for their intended use. As with any good design and construction practice, Micro-Guard treated wood should not be used in applications where trapped moisture or water can occur. Where design and or actual conditions allow for constant, repetitive, or long periods of wet conditions, only stainless steel fasteners should be used.
- Fasteners (and other metal products) for use with Micro-Guard preserved wood products include:
  - Stainless Steel
  - Other fasteners and hardware as recommended by the manufacturer
- There may be additional products (other than stainless steel or hot dip galvanized) which are suitable for use with Micro-Guard treated wood. Please consult with the individual fastener or hardware manufacturer for recommendations on use of their products with Micro-Guard treated wood.
- When appearance permits, attach boards back side up. In general rule, attach boards back side up if annual rings are opposite to reduce cupping; however, the best face should be plated up when a defect of the wood is apparent. Faster thin boards to thicker boards to maintain structural integrity.
- Drill pilot holes - Drill pilot holes especially when nailing or screwing near the edge or end of a board. Pilot holes will help minimize splitting.
- Deck board spacing - Should the wood become wet during construction, butt deck boards together. As drying occurs, some shrinkage can be expected. If the wood is dry, allowing for shrinkage is not necessary.
- Use a water-resistant finish - Brush on endcoat wood preservative is recommended on all saw cuts and into drill holes during construction of wood projects. Also apply on areas where moisture can collect. Follow manufacturer’s recommendations.
- 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 water repellent, will help minimize the cycles of moisture take-up and loss the wood goes through annually. First, determine if your Micro-Guard product has been properly treated with a factory applied water repellent by looking at the end tag. If your factory made repellent treated, thoroughly clean your project with a deck cleaning product. Clear water repellent can be immediately 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 project is surface dry. Either wait until the surface is dry or immediately apply clear water repellent and wait approximately 8 weeks and then apply your chosen color of semi-transparent stain. If the Micro-Guard product contains a factory water repellent, an oil-based stain can be applied in 30–60 days and water-based stains can be applied after 6 months. Check that the wood is surface dry before applying stain. In all instances follow the manufacturer’s directions when applying water repellents or semi-transparent stains which contain water repellent.

Micro-Guard
Treated Wood Products, Inc.
800-531-5558 • www.frtw.com
End Use Classifications for Micro-Guard Pressure Treated Wood Products

- **General Use - Above Ground**
  - Examples: decking, joists, beams, and sills

- **Ground Contact and Fresh Water Contact**
  - Examples: decks, fence posts, and docks

- **Ground Contact - Critical Structural Members**
  - Examples: building poles, permanent wood foundations

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**Revolutionary Technology**

Micro-Guard brand treated wood products use the MicroPro® technology, a revolutionary way to pressure treat wood for decks, fences, landscaping, and general construction uses. MicroPro technology offers many benefits, including significantly improved corrosion performance. Micro-Guard pressure treated wood with the MicroPro technology exhibits corrosion rates on metal products similar to untreated wood.

Micro-Guard pressure treated wood products are protected from termites and fungal decay and are backed by a Residential and Agricultural Limited Warranty Program (See Osmose® MicroPro® LifeWood® Residential & Agricultural Limited Warranty for details)*.

- **Lifetime Limited Warranty for Above Ground general uses.**
- **Lifetime Limited Warranty for Ground Contact and Fresh Water general uses.**

**Micro-Guard Treated Wood Appearance**

Micro-Guard pressure treated wood is lighter in color compared to other copper based treated wood products. The attractive color allows DIYers and contractors to build pressure treated projects using treated wood that is lighter, fresher, and more natural in appearance.

**Building Code Compliance**

Micro-Guard products, as described in the ICC Evaluation Services, Inc. ESR-2240, meet all major model building code requirements.

The Osmose® MicroPro® Technology is the first treated wood process to be certified under Scientific Certification Systems Environmentally Preferable Product (EPP) program based on Life-Cycle Assessment.

NAHB Research Center, Green Approved - The Osmose MicroPro technology has been approved for points toward National Green Building Certification to the ICC 700-2008 National Green Building Standard. Wood products treated with the MicroPro technology are now eligible for more green building points than any other treated wood product in the market.

GREENGUARD® Children & SchoolsSM Certification - The Osmose MicroPro technology has been awarded the GREENGUARD Children & SchoolsSM Certification. GREENGUARD Children & Schools Certification program certifies products for low volatile organic chemical (VOC) emissions that are used in schools, offices and other sensitive environments.

**Micro-Guard Treated Wood Advantages**

- Long term field testing shows that wood treated with the MicroPro® wood treatment process provides effective protection against fungal decay and termite attack.
- First Wood Treatment Process to Complete Life-Cycle Assessment Studies - The Osmose MicroPro® wood treatment process systems were analyzed by Scientific Certification Systems under an exhaustive environmental review process called Life-Cycle Assessment (LCA), in accordance with rigorous international standards set by ISO, the leading international standards setting organization. The MicroPro LCA studies are in compliance with ISO standards 14044 and 14025.
- NAHB Research Center, Green Approved - MicroPro wood preservative technology has been approved for points toward National Green Building Certification to the ICC 700-2008 National Green Building Standard.
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- Lighter, more natural wood appearance.
- Improved painting and staining qualities.
- Better corrosion resistance for code-approved fasteners and hardware.
- End uses include interior and exterior above ground, ground contact, and fresh water immersion.
- Treated wood warranty programs (See Osmose® MicroPro® LifeWood® Residential & Agricultural Limited Warranty for details)*.
- Approved for aluminum contact.**

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