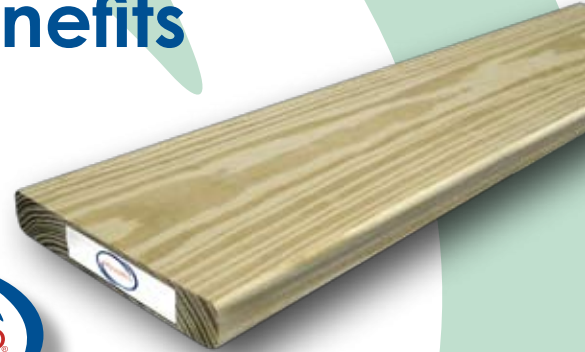


# MicroPro®

## Osmose® MicroPro® Technology Product Highlights and Life-Cycle Environmentally Preferable Product (EPP) Benefits



**First Wood Treatment Process to Receive EPP Status** – 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.

**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.

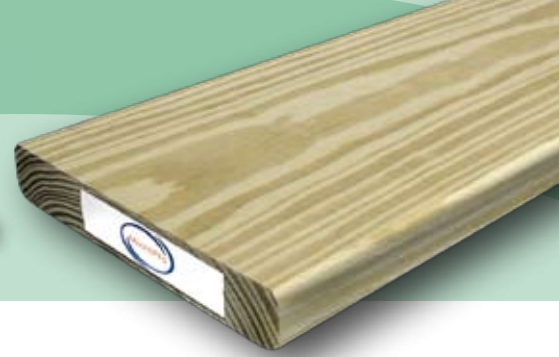
**Reduced Energy Use** – The Osmose MicroPro treated wood process reduces total energy use by approximately 80% and greatly reduces greenhouse gas emissions.

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

**Reduced Air Emissions** – The solution containing the MicroPro copper preservative formula is four times more concentrated than the industry standard. As a result, fewer trucks are required for transport. Fewer trucks, combined with the absence of monoethanolamine (MEA) in the production process, result in a reduction of air pollutants from tailpipe emissions and associated impacts, including: soot, nitrous oxide, volatile organic compounds (VOC's), particulate matter, and reduced impacts of acid rain, smog, and oceanic acidification.

**Reduced Greenhouse Gas Emissions** – The absence of MEA in the production process, combined with the reduced use of fuel and fewer trucks, means that using MicroPro technology in lieu of standard wood treatment formulations reduces an estimated 20,000 tons or more of greenhouse gas emissions each year. (This is the equivalent to the annual emissions of approximately 2,200 SUV's.)

# MicroPro®



## MicroPro® Treated Wood Advantages



The Revolutionary Way to Pressure Treat Wood™

- Long term field testing shows that MicroPro treated wood 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.
- 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.
- MicroShades®, innovative micronized pigment color choices - pressure treated wood colors similar to redwood & cedar.
- Treated wood warranty programs (See warranty for details\*).
- Approved for aluminum contact.\*\*
- Building code compliant. ICC-ES Reports, ESR-1980 and ESR-2240.

## Osmose®

For more information, call 1-800-241-0240 or visit [www.osmosewood.com](http://www.osmosewood.com) or [www.scscertified.com](http://www.scscertified.com)

\*See MicroPro Residential & Agricultural Limited Warranty for details. \*\*See MicroPro Fastener and Hardware Information Sheet. MicroPro® pressure treated wood products are treated with Micronized Copper Quaternary Compounds or Micronized Copper Azole. MicroPro® and MicroShades® products are produced by independently owned and operated wood treating facilities. MicroPro®, MicroShades® and Osmose® are registered trademarks of Osmose, Inc.  
"The Revolutionary Way to Pressure Treat Wood™" is a service mark of Osmose, Inc.

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