



MicroPro Sienna® Treated Wood uses MicroPro® preservative technology, a waterborne, micronized copper azole (MCA) system developed to provide long-term protection for wood exposed in exterior applications from fungal decay and termite attack. MicroPro Sienna Treated Wood can be used in residential applications (decks, fences, freshwater docks and landscaping) above ground, in ground contact and in freshwater contact.

Preservative	MicroPro® Micronized Copper Azole (MCA)	
Brand Name	MicroPro Sienna® Treated Wood	
Chemistry – Function	Micronized Copper – fungal decay, termites Micronized Tebuconazole – organic co-biocide for copper-tolerant fungi	
Chemistry – Registration	Pest Management Regulatory Agency (PMRA) Reg. No. 30196 and No. 30379, <i>Pest Control Products Act</i>	
Chemistry – Standardization	CAN / CSA O80 Series 15, <i>Wood Preservation</i> CSA O80.3-15 Preservative formulations, 5.1 CSA O80.1-15 Specification of treated wood, 7, Table 3	
Application / Commodity	Use Category	Preservative Retention*
Above Ground Use		
• Fence Boards	UC3.2A	0.04 pounds per cubic foot (pcf)
• Decking and Railing Components	UC3.2B	0.04 pcf
• Joist and Beams	UC3.2C	0.11 pcf
• Exterior Sheathing	UC3.2	0.11 pcf
Ground Contact / Freshwater Use		
• Deck/Fence Posts, Landscape Timbers	UC4.1D	0.21 pcf
• Exterior Sheathing	UC4.1	0.21 pcf
Colour	Light brown	
Additives	Mold inhibitor, iron oxide pigments and colourants	
Quality Control	Timber Specialties MicroPro Quality Assurance Program	

Environmental Certifications



MicroPro technology certified Environmentally Preferable Product (EPP) by Scientific Certification Systems (SCS) based on Life-Cycle Assessment (LCA) studies in compliance with ISO standards 14044 and 14025.



MicroPro technology UL GREENGUARD GOLD certified for low volatile organic compound (VOC) emissions. Products certified to this criteria are suitable for use in schools, offices, and other sensitive environments.



MicroPro technology is Home Innovation NGBS Green certified for points toward National Green Building Certification to the ICC 700-2008 National Green Building Standard.

* Preservative retentions recommended by preservative manufacturer Timber Specialties Co. and/or the Canadian Standards Association.

Cut Ends / Field Cuts

For **ground contact applications**, two applications of a brush-on copper naphthenate-based end-cut preservative must be applied to all saw cuts, drill holes and other field cuts before the wood is installed.

For **above ground applications**, such as deck boards, railings, post tops or fencing boards, a brush on end-cut wood preservative or Timber Specialties Cut-N-Seal® must be applied to all saw cuts, drill holes and other field cuts at the time of construction.

Follow the manufacturer's directions for proper application.

Fasteners & Hardware

Corrosion rates on metal products similar to untreated wood. Use fasteners and hardware designed for exterior construction in compliance with the manufacturer's recommendations and the building code for intended use.

May be placed in direct contact with aluminum building products used for interior and above ground applications where wood is not exposed to frequent and prolonged wetting.

Should not be encased, sealed, or wrapped with aluminum products where moisture or water can be trapped, so as to avoid pitting or other undesirable results.

For more information, see the *MicroPro Sienna Treated Wood Fastener and Hardware Information Sheet* on **MicroProSienna.com**.

Safe Handling Practices

Wear dust mask, goggles and gloves when cutting, sanding and handling wood.

Some preservative and/or pigment colour may migrate from the treated wood into soil, water or other surfaces. It may also dislodge from the treated wood surface upon contact with skin. Wash exposed skin areas thoroughly.

Wash work clothes separately from other household clothing before reuse.

Finishing

High quality water repellent or stain should be applied as soon as wood is dry to the touch. For more information, visit **MicroProSienna.com/Finishing**.

Maintenance

Clean dirt and debris from the wood surface, as required. Apply a high quality water repellent or stain to maintain the surface of the wood.

Disposal

Clean up all sawdust and debris after construction.

Do not burn treated wood.

Residential users – trash collection or burial.

Commercial users – in accordance with local, provincial and federal regulations.