



Treated Wood

www.MicroProSienna.com

Advanced Preservative Technology

MicroPro® preservative technology is a revolutionary way to pressure treat wood for decks, fences, landscaping and general exterior construction uses. MicroPro preservative technology meets Canadian Standards Association (CSA) standards as a wood preservative that has been formulated especially for Canadian species and use conditions. MicroPro Sienna Treated Wood can be used in residential applications above ground, in ground contact and in freshwater contact. Usage is indicated on the end tag attached to the treated lumber.

MicroPro Sienna is no more corrosive to metal products than untreated wood. Fasteners and hardware should be rated to the environment and conform to building codes. Aluminum building products may be placed in direct contact with MicroPro Sienna Treated Wood used indoors or in above ground exterior applications where the wood is not exposed to frequent and prolonged wetting, such as decks and fencing. (For more information, see the Fastener and Hardware Information sheet online.)

MicroPro Sienna Treated Wood products produced and used in Canada are backed by the MicroPro Sienna Residential Limited Warranty for first owners against structural failure caused by fungal decay or termites. (See warranty literature online for details.)

Environmental Certifications

The MicroPro micronized copper technology used in MicroPro Sienna Treated Wood process has set a new benchmark in environmental standards for wood preservation.

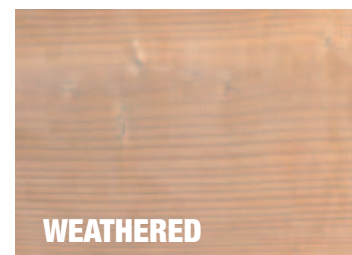
- MicroPro was the first, and is the only, wood treatment process to be certified by Scientific Certification Systems (SCS) as an Environmentally Preferable Product (EPP), based on Life-Cycle Assessment.
- UL GREENGUARD GOLD Certification indicates that MicroPro preservative technology has undergone rigorous testing and has met stringent standards for low volatile organic compound (VOC) emissions. Products certified to this criteria are suitable for use in schools, offices, and other sensitive environments.
- Wood products treated with MicroPro technology are eligible for more green building points toward NGBS Green Certification than any other treated wood.



More Natural Wood Appearance

MicroPro Sienna Treated Wood uses innovative micronized pigment technology to give the wood a warm natural tone that enhances its grain and natural characteristics. It offers a rich, finished look that complements today's deck furniture and furnishings with no initial staining.

Products treated with the MicroPro Sienna pigment colouring system are resistant to fading but are not impervious to colour changes. Natural colour variations in the product are to be expected due to varying exposure conditions and the variation between different species of wood. In addition, colour variations may occur between heartwood and sapwood and knot areas from board to board or within the same piece of wood.



It is possible that on some MicroPro Sienna Treated Wood a green colour may appear along the grain of the wood and around knots. This green colour is due to the copper that is used in the wood preservative system. Over time the green colour will change to a tan colour that blends into the overall tone of the wood.

A colour-matched sealer for pressure treated wood, Cut-N-Seal® is available to cover cuts and holes above ground and to retouch any blemishes during construction of the project.

In an exterior project, the colour of MicroPro Sienna will turn to warm tan and over time will gradually fade to driftwood grey. The length of time will vary according to the exposure to sunlight, the wood species and the application. Long term, the initial colour will provide a good foundation for staining to renew or change the colour.

To maintain the colour and surface of MicroPro Sienna Treated Wood it is recommended that a high quality water repellent or stain with water repellent be applied to the wood as soon as possible after construction of the project.

Unless the coating manufacturer stipulates otherwise, you can apply a stain or water repellent to the wood as soon as it is dry to the touch, which may be as soon as two weeks or as long as eight or more. It will depend on the weather, the exposure to sunlight and how wet the wood was when it was installed (it is saturated with water during pressure treatment). To test that the treated wood is surface dry, sprinkle water droplets on the surface. If the water droplets are absorbed into the wood, it is ready for stain. If not, try sprinkling again in a few days. Always read the finish product label and follow the manufacturer's recommendations on how and when the product should be applied.



Important Information

MicroPro Sienna® Treated Wood products are pressure treated with MicroPro® Micronized Copper Azole. The main ingredient in the preservative system is copper, which has long been known as an effective wood preservative. MicroPro Sienna uses micronized copper coupled with micronized tebuconazole for long-term protection of wood exposed in exterior applications.

- Do not burn treated wood.
- Wear a dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Some preservative and/or pigment colour may migrate from the treated wood into soil/water or may dislodge from the treated wood 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 reuse.
- Treated wood 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 treated wood under circumstances where the preservative may become a component of food, animal feed, or beehives.
- Do not use treated wood as mulch.
- Only treated wood that is visibly clean and free of surface residue 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.
- Projects should be designed and installed in accordance with federal, provincial, and local building codes and ordinances governing construction in your area.
- Residential users may dispose of treated wood scraps and cut offs by ordinary trash collection or burial. Commercial and industrial users of treated wood should dispose of treated wood scraps and cut offs in accordance with local, provincial and federal regulations.

Important Application Information

Cut ends / Field cuts – When building your outdoor project with pressure treated wood it is important to protect the cut ends, drill holes, and other field cuts.

- For pressure treated timbers and for pressure treated wood used in **ground contact applications**, a brush-on end-cut wood preservative is required at the time of construction on all saw cuts, drill holes and other field cuts. Two applications of a copper naphthenate based end-cut preservative must be applied to the treated wood before it is installed. Follow the manufacturer's directions for proper application.
- For pressure treated wood used in **above ground applications**, such as deck boards, railings, post tops or fence boards, a brush-on end-cut wood preservative or Timber Specialties Cut-N-Seal® product should 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 – Wood treated with MicroPro technology exhibits corrosion rates on metal products similar to untreated wood. Use fasteners and hardware designed for exterior construction that are in compliance with the manufacturer's recommendations and the building codes for their intended use.

Aluminum – Aluminum building products may be placed in direct contact with MicroPro Sienna Treated Wood products used for interior uses and above ground exterior applications where the wood is not exposed to frequent and prolonged wetting, such as decks and fencing. MicroPro Sienna Treated Wood in direct contact with aluminum products should only be used in code compliant construction applications that provide proper water drainage and do not allow the wood to be exposed to, or remain in contact with a continual moisture source, standing water or water immersion, such as boat docks, hot tubs and swimming pools. In addition, MicroPro Sienna Treated Wood 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 Fastener and Hardware Information sheet online.)

Appropriate usage – Above Ground treated wood should not be used in ground contact applications, as this can adversely affect the performance of the entire project. The appropriate usage is noted on the end tag attached to each piece of MicroPro Sienna Treated Wood.

Pilot holes – Drill pilot holes to minimize splitting especially when nailing or screwing near the edge or end of a board.

Mold growth – 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.MicroProSienna.com.