



Treated
Wood

FAQs

What is MicroPro Sienna?

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MicroPro Sienna is wood pressure treated with MicroPro® Micronized Copper Azole (MCA), a registered wood preservative in the CSA Standards. Micronized iron oxide pigments added during pressure treatment give the wood a warm brown colour.

Where can it be used?

MicroPro Sienna can be used in residential applications (decks, fences, freshwater docks and landscaping) above ground, in ground contact and in freshwater contact. Usage is indicated on the end tag attached to the treated wood.

Why are there variations in the colour of MicroPro Sienna?

Natural colour variations in the product are to be expected due to varying exposure conditions and 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.

What is the green colouring on MicroPro Sienna Treated Wood?

On some MicroPro Sienna treated wood a green colour may appear along the grain of the wood and around knots of some wood species. This green colour is due to the copper that is used in the wood preservative system. Over time with exposure to sun and heat, the green colour will change to a tan colour that blends into the overall tone of the wood.

Why is MicroPro Sienna more eco-friendly?

A new generation of copper-based wood preservative – Micronized Copper Azole (MCA) – is used to pressure treat MicroPro Sienna. The copper is micronized or mechanically ground to sub-micron size for pressure treating without the use of solvents. This technology reduces the environmental footprint of MicroPro Sienna to less than half that of traditional treated wood.

- MicroPro was the first, and is the only, wood treatment process to be certified as an Environmentally Preferable Product (EPP), by Scientific Certification Systems (SCS), 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 other treated wood. Visit www.MicroProSienna.com for more information.

Can I use MicroPro Sienna in my raised vegetable garden bed?

MicroPro Sienna treated wood products may be used to construct raised garden beds. The MicroPro treated wood process is certified by Scientific Certification Systems, Inc. (SCS) as an Environmentally Preferable Product (EPP) based on SCS' Life-Cycle Assessment. Very small amounts of copper and azole will migrate out of MicroPro Sienna treated wood over time. If it is desirable to minimize the migration of copper or azole into the soil of a raised garden bed, we recommend that a suitable thin plastic material be used as a barrier between the MicroPro Sienna treated wood and the raised garden bed soil. The use of a plastic barrier will also help keep soil within the bed area. For proper drainage, the plastic material should not be used underneath the raised garden bed.

Does MicroPro Sienna have a warranty?

MicroPro Sienna treated wood products used in Canada are backed by the MicroPro Sienna Lifetime Residential Limited Warranty for first owners against structural failure cause by fungal decay or termites. See the MicroPro Sienna limited warranty for details, www.MicroProSienna.com/Warranty.

Better building with MicroPro Sienna

Why do I need to protect the cut ends of treated wood?

Cuts and large drill holes in pressure treated wood that expose untreated wood must be protected against rot and decay. Failure to apply an end-cut wood preservative or Cut-N-Seal at the time of construction will void the MicroPro Sienna Lifetime Residential Limited Warranty. See the limited warranty for details.

- For pressure treated wood used in **ground contact applications**, two applications of a copper naphthenate based end-cut preservative must be applied to all saw cuts, drill holes and other field cuts at the time of construction before the wood 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. Visit www.Cut-N-Seal.com for more information.

Do I need to use a specific type of fastener for my MicroPro Sienna project?

MicroPro Sienna treated wood is no more corrosive to fasteners than untreated wood. Use exterior fasteners and hardware that are in compliance with the manufacturer's recommendations and the building codes for their intended use. For more information see the *MicroPro Sienna Fastener and Hardware Information* sheet.

Can aluminum building products be used with MicroPro Sienna?

Yes. Aluminum building products can be placed in direct contact with MicroPro Sienna treated wood used for interior uses and above ground exterior applications where the wood is not exposed to frequent and prolonged wetting, such as decks, fencing and landscape projects. However, 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. In addition, MicroPro Sienna treated wood should not be encased, sealed, or wrapped with aluminum products where trapped moisture or water can occur so as to avoid pitting or other unwanted results. For more information see the *MicroPro Sienna Fastener and Hardware Information* sheet.

MicroPro Sienna colour and finishing

How long will the colour last?

Left unprotected, the warm brown colour of Sienna will fade to a soft tan or beige and transition to grey over time. The length of time will vary according to the exposure to sunlight, the wood species and the application. This transition can be slowed by application of a semi-transparent stain or a water repellent with added toner after installation as soon as the wood is dry to the touch.

Should I apply a finishing product to my MicroPro Sienna project right away?

Yes. Waiting a year or "a season" before applying a finish is a bit of misinformation about treated wood that has been circulating for some time. 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**. 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. When you apply a protective finish be sure to follow the manufacturer's recommendations, especially on how and when it should be applied.

What should I use to maintain the colour and surface of my MicroPro Sienna project?

A wide range of wood finishing products have been formulated for exterior wood care. As a general rule, you need pigments or colour in the product to protect the wood surface against UV damage. Always read the finishing product label and follow the manufacturer's recommendations on how and when the product should be applied. For a list of products recommended by popular finishing manufacturers, visit www.MicroProSienna.com/Finishing.

Why is maintenance required on treated wood projects?

Nothing is "maintenance-free". Pressure treating protects wood against structural failure due to rot, fungal decay or termite attack. However, moisture, sun, and outdoor conditions will cause wood to show signs of weathering. Natural weathering such as raised grain, splitting, checking, twisting, warping, shrinkage, or swelling occurs in both treated and untreated wood if left unprotected outdoors. To help reduce these effects, apply a high quality water repellent or semi-transparent stain as soon as the wood is dry to the touch.

How can I restore faded MicroPro Sienna treated wood?

If you want to restore a weathered project to the original Sienna brown colour, we suggest purchasing a semi-transparent stain that closely matches the original Sienna brown colour. Be sure to follow the manufacturer's recommendations for cleaning and preparing the wood surfaces and for application of the product. Before you start, we recommend you apply the finishing product to a small exposed test area before finishing the entire project to ensure it provides the intended result before proceeding.

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