

IMPORTANT APPLICATION INFORMATION

Fasteners - MicroPro® technology offers many benefits including significantly improved corrosion performance. LifeWood® brand pressure treated wood with MicroPro® technology exhibits corrosion rates on metal products similar to CCA pressure treated wood and untreated wood. For interior or exterior applications, use fasteners and hardware that are in compliance with the manufacturer's recommendations and applicable building codes for their intended use. 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 LifeWood® brand pressure treated wood include:

- Stainless Steel

Stainless steel fasteners and connectors are recommended for use with treated wood in severe exterior applications. Type 304 and 316 are the recommended grades to use.

- 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 LifeWood® brand pressure treated wood. Please consult with the individual fastener or hardware manufacturer for recommendations for use of their products with LifeWood® brand pressure treated wood.

Material should be used only as specified on the ink stamp and/or end tag attached to each piece; i.e., material that has been treated for above ground applications should not be used in ground contact applications as this can adversely affect the performance of the entire project. In addition, no treated materials that have been end cut or trimmed should be used in ground contact applications. Above ground applications are above ground uses where material is not in contact with soil, or placed on or over soil using a synthetic barrier or plastic material, or is continually exposed to heavy vegetation, mulch products, fill dirt, or other conditions that could simulate a ground contact exposure. Ground contact applications are uses where material is used in contact with the ground, fresh water, or other situations favorable to deterioration; above ground, but is difficult to maintain, repair or replace and is critical to the performance and safety of the entire system/construction (e.g., joists and beams for decks and fresh water docks; or above ground but may end up in ground contact or is subject to hazards comparable to ground contact due to climate, artificial or natural processes or construction. Examples of ground contact general use applications include fence posts, deck posts, guardrail posts, structural lumber, joists and beams for decks and freshwater docks, and timbers located in regions of low natural potential for wood decay and insect attack. Material should also be used in accordance with state and local building codes as some state and local authorities have policies requiring pressure treated wood product used in "close proximity" to the ground to be treated for ground contact applications.

When appearance permits, attach boards bark side up. As a general rule, attach boards bark side up (annual rings arc upward) to reduce cupping; however, the best face should be placed up when a defect of the wood is apparent. Fasten 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 an endcoat preservative - A brush on endcoat wood preservative should be applied at the time of construction on all saw cuts and drill holes for MicroPro/LifeWood Wood Product (all wood species). Recommended endcoat wood preservatives include copper naphthenate, oxine copper, or zinc naphthenate products. Important: Follow the manufacturer's directions for proper application.

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 outdoors. First, determine if your LifeWood® brand pressure treated wood has been pressure treated with a factory applied water repellent by looking at the end tag. If not factory water 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 LifeWood® brand pressure treated wood 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 may contain water repellent.

LifeWood® brand 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 LifeWood® brand pressure treated wood, refer to the MicroPro® Fastener and Hardware Information Sheet for additional information.

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- Do not burn preserved wood.
- Wear a dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Some preservative 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.
- Preserved 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 preserved wood under circumstances where the preservative may become a component of food, animal feed, or beehives.
- Do not use preserved wood as mulch.
- Only preserved 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.
- Disposal Recommendations - Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state, and local regulations.
- If you desire to apply a paint, stain, clear water repellent, or other finish to your preservative treated wood, we recommend following the manufacturer's instructions and label of the finishing product. Before you start, we recommend you apply the finishing product to a small exposed test area before completing the entire project to insure it provides the intended result before proceeding.
- 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.epa.gov.



For more information call 800-585-5161, or visit www.kopperspc.com.

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