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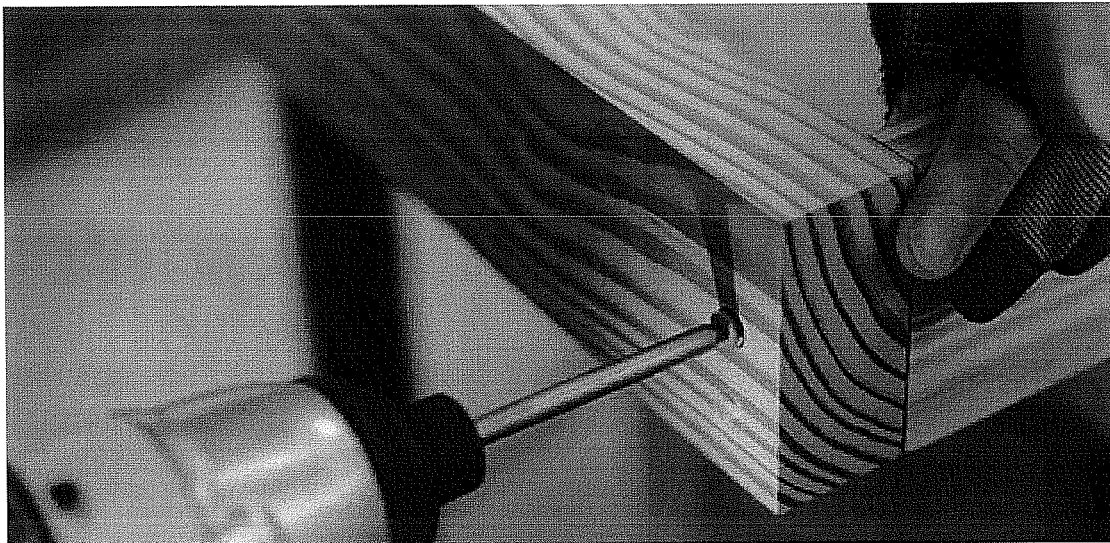
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For Pros

YellaWood® Pressure Treated Lumber

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Fastener Information



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Choosing Fasteners for Use with Micronized Copper Treated Products

Micronized copper treated products offer many benefits including significantly improved corrosion performance. YellaWood® brand pressure treated pine with micronized copper preservatives 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 the building codes for their intended use. As with any good design and construction practices, micronized copper treated wood should not be used in applications where trapped moisture or water can occur. Where design and/or actual conditions allow for constant, repetitive or long periods of wet conditions, only stainless steel fasteners should be used.

For exterior applications

The following galvanization levels may be used for connectors, joist hangers, fasteners and other hardware that are placed in direct contact with exterior applications of micronized copper treated wood:

Fasteners - nails, screws, etc. ASTM - A 153 (1 oz./ft²)

Hardware - connectors, joist hangers, etc. ASTM - A 653 G90 (0.90 oz./ft²)

The effects of other building materials within a given assembly, along with environmental factors, should also be considered when selecting the appropriate hardware and fasteners to use for a given project containing treated wood.

Stainless Steel fasteners and hardware are required for Permanent Wood Foundations below grade and are recommended for use with treated wood in other severe exterior applications such as swimming pools, salt water exposure, etc. - Type 304 and 316 are recommended grades to use.

Aluminum

Aluminum building products may be placed in direct contact with YellaWood® brand products with micronized copper preservatives used for interior uses and above ground exterior applications such as decks, fencing, and landscaping projects. Examples of aluminum products include siding, roofing, gutters, door and window trim, flashing, nails, fasteners and

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other hardware connectors. However, direct contact of micronized copper treated products and aluminum building products should be limited to 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, micronized copper 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.

We recommend you contact the aluminum building products manufacturer for its recommendations regarding use of its aluminum products in contact with micronized copper treated wood in ground contact applications or when exposed to salt water, brackish water, or chlorinated water, such as swimming pools or hot tubs.

Also check with the aluminum building products manufacturer regarding compatibility with other chemicals and cleaning agents. Contact **OsMOse** for further information on aluminum contact use in commercial, industrial, and specialty applications such as boat construction.

**Download the Micronized Copper Fastener Information Sheet:
Fastener Information Sheet PDF**

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