

MicroPro[®] technology offers many benefits including significantly improved corrosion performance. Goodfellow Terra[®] Treated Wood with MicroPro technology exhibits corrosion rates on metal products similar to 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, Goodfellow Terra 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 minimum galvanization levels may be used for connectors, joist hangers, fasteners and other hardware that are placed in direct contact with exterior applications of treated wood which utilizes MicroPro technology:

- Fasteners - nails, screws, etc. ASTM A153 (1 oz./ft²)
- Hardware - connectors, joist hangers, etc. ASTM A653 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 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.

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 Goodfellow Terra Treated Wood. Please consult with the individual fastener or hardware manufacturer for recommendations for use of their products with MicroPro treated wood. In addition, carbon steel fasteners may be used for interior, above ground, weather-protected applications such as sill plates, interior framing and interior trusses.

Aluminum building products may be placed in direct contact with Goodfellow Terra Treated Wood used for interior uses and above ground exterior applications such as:

- decks
- fencing
- landscaping projects.

Examples of aluminum products include siding, roofing, gutters, door and window trim, flashing, nails, fasteners and other hardware connectors. However, MicroPro 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 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 product manufacturer for their recommendations regarding their aluminum products in contact with MicroPro treated wood used in ground contact applications or when MicroPro treated wood is exposed to:

- salt water
- brackish water
- chlorinated water, such as swimming pools or hot tubs.

Also check with the aluminum product manufacturer regarding compatibility with other chemicals and cleaning agents. Contact info@GoodfellowTerra.com for further information on aluminum contact use in commercial, industrial, and specialty applications such as boat construction.

For more information, visit www.GoodfellowTerra.com or email info@GoodfellowTerra.com.

