

# GOODFELLOW *Terra*® Technical Data

Goodfellow Terra® Pressure Treated Wood uses MicroPro® preservative technology, a waterborne, micronized copper azole (MCA) system developed to provide long-term protection for wood exposed in exterior applications from fungal decay and termite attack. Goodfellow Terra Pressure Treated Wood can be used in residential applications (decks, fences, freshwater docks and landscaping) above ground, in ground contact and in freshwater contact.

**Preservative** MicroPro® Micronized Copper Azole (MCA)

**Brand Name** Goodfellow Terra® Pressure Treated Wood

**Chemistry – Purpose** Micronized Copper – termite, fungal decay  
Micronized Azole – organic co-biocide for copper-tolerant fungi

**Application / Commodity** Preservative Retention\*

### Above Ground Use

- Fence Boards 0.03 pounds per cubic foot (pcf)
- Decking and Railing Components 0.04 pcf
- Joist and Beams 0.10 pcf
- Exterior Sheathing 0.10 pcf

### Ground Contact / Freshwater Use

- Deck/Fence Posts, Landscape Timbers 0.21 pcf
- Exterior Sheathing 0.21 pcf

**Colour** Red-brown

**Additives** Mold inhibitor, iron oxide pigments and colourants

**Quality Control** Timber Specialties MicroPro Quality Assurance Program

### Environmental Certifications



MicroPro technology certified Environmentally Preferable Product (EPP) by Scientific Certification Systems (SCS) based on Life-Cycle Assessment (LCA) studies in compliance with ISO standards 14044 and 14025.



MicroPro technology UL GREENGUARD GOLD certified for low volatile organic compound (VOC) emissions. Products certified to this criteria are suitable for use in schools, offices, and other sensitive environments.



MicroPro technology is Home Innovation NGBS Green certified for points toward National Green Building Certification to the ICC 700-2008 National Green Building Standard.

\* Preservative retentions recommended by preservative manufacturer Timber Specialties Co. and/or the Canadian Standards Association.

## Cut Ends / Field Cuts

For **ground contact applications**, two applications of a brush-on copper naphthenate-based end-cut preservative must be applied to all saw cuts, drill holes and other field cuts before the wood is installed.

For **above ground applications**, such as deck boards, railings, post tops or fencing boards, a Sealer for Goodfellow Terra Pressure Treated Wood 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.

## Fasteners & Hardware

Corrosion rates on metal products similar to untreated wood. Use fasteners and hardware designed for exterior construction in compliance with the manufacturer's recommendations and the building code for intended use.

May be placed in direct contact with aluminum building products used for interior and above ground applications where wood is not exposed to frequent and prolonged wetting.

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 Goodfellow Terra Pressure Treated Wood Fastener and Hardware Information Sheet at [GoodfellowTerra.com](http://GoodfellowTerra.com).

## Safe Handling Practices

Wear dust mask, goggles and gloves when cutting, sanding and handling wood.

Some preservative and/or pigment colour may migrate from the treated wood into soil, water or other surfaces. It may also dislodge from the treated wood surface upon contact with skin. Wash exposed skin areas thoroughly.

Wash work clothes separately from other household clothing before reuse.

## Finishing

High quality water repellent or stain can be applied as soon as wood is dry to the touch.

## Maintenance

Apply a high quality water repellent or stain to maintain the surface of the wood. Clean dirt and debris from the wood surface, as required.

## Disposal

Clean up all sawdust and debris after construction.

### **Do not burn treated wood.**

Residential users – trash collection or burial.

Commercial users – in accordance with local, provincial and federal regulations.