

# GOODFELLOW Terra®

## Earth Tone Ecological Treated Wood

## Environmental Certifications

Goodfellow Terra Pressure Treated Wood is processed using patented MicroPro micronized copper preservative. This technology reduces the environmental footprint of Terra to less than half that of traditional residential treated wood.

### Environmentally Preferable Product (EPP)

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. The MicroPro® wood treatment process systems were analyzed by SCS under an exhaustive environmental review process called Life-Cycle Assessment (LCA), in accordance with rigorous international standards set by ISO, the leading international standards setting organization. The MicroPro LCA studies are in compliance with ISO standards 14044 and 14025.



**Reduced energy use** – The MicroPro treated wood process reduces total energy use by approximately 80% and greatly reduces greenhouse gas emissions.

**Largely eliminates copper releases** – Wood products treated with the MicroPro process result in the release of 90% to 99% less copper into aquatic and terrestrial environments when compared to standard treated wood products. The very small amount released bonds readily to organic matter in the soil and becomes biologically inactive, thus effectively eliminating eco-toxic impacts.

**Reduced air emissions** – The solution containing the MicroPro copper preservative formula is more concentrated than the industry standard. As a result, fewer trucks are required for transport. Fewer trucks, combined with the absence of monoethanolamine (MEA) in the production process, result in a reduction of air pollutants from tailpipe emissions and associated impacts, including: soot, nitrous oxide, volatile organic compounds (VOCs), particulate matter, and reduced impacts of acid rain, smog, and oceanic acidification.

**Reduced greenhouse gas emissions** – The absence of monoethanolamine (MEA) in the production process, combined with the reduced use of fuel and fewer trucks, means that using MicroPro technology in lieu of standard wood treatment formulations reduces greenhouse gas emissions by thousands of tons each year.

### UL GREENGUARD GOLD Certification

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 these criteria are suitable for use in schools, offices, and other sensitive environments.

Products bearing the UL GREENGUARD GOLD Certification mark meet strict testing criteria for volatile organic compounds (VOCs), helping to reduce indoor air pollution, minimize chemical exposure and create healthier indoor environments..

Goodfellow Terra products treated with the MicroPro technology are suitable for use in schools and office construction, and to create products such as children's playsets.



### Home Innovation NGBS Green Certified

Micronized copper pressure treated wood technology has been approved for points toward National Green Building Certification to the ICC 700-2008 National Green Building Standard. Wood products treated with this technology are now eligible for more green building points than any other treated wood product in the market.

