

HOOVER TREATED WOOD PRODUCTS, INC.

TECHNICAL NOTE

FOR ADDITIONAL INFORMATION: www.frtw.com or 1-800-TEC-WOOD (832-9663)
FOR SALES INFORMATION 1-800-531-5558 or 706-595-1264

CERTIFICATION for *MICRO-GUARD*[®] Preservative Treated Wood

Part 1 – General

1.01 Product Information

A) *MICRO-GUARD*[®] is micronized copper and azole preservative treated lumber, timbers, poles, post, plywood, and other wood materials.

B) *MICRO-GUARD*[®] is designed for long-term performance in applications required by code to be protected against fungal decay and termites or where the use of preservative treated wood is appropriate.

C) *MICRO-GUARD*[®] treated wood products are manufactured in accordance with **ESR-2240**.

D) *MICRO-GUARD*[®] preservatives are approved for interior and exterior uses above ground, ground and fresh water contact and for critical structural members in contact with the ground.

E) *MICRO-GUARD*[®] preservatives contain no Chromium, Arsenic or added Urea formaldehyde.

F) *MICRO-GUARD*[®] treatment for lumber and plywood is applied via pressure impregnation.

G) *MICRO-GUARD*[®] is recommended to be KDAT (kiln dried after treatment).

H) *MICRO-GUARD*[®] treated wood products are produced under third party review and carry the stamp of an approved third party agency.

Part 2 – Products

2.01 Preservative Treatment

A) Treatment shall be *MICRO-GUARD*[®] provided by Hoover Treated Wood Products, Inc.

B) *MICRO-GUARD*[®] preservative treated wood meets the applicable building code requirements for use above ground (.06 pcf.) ground contact (.15 pcf) and critical structural ground contact uses (.23 pcf).

C) *MICRO-GUARD*[®] treated wood that is KDAT will be dried to a moisture content of 19% or less for lumber and 18% or less for plywood.

D) *MICRO-GUARD*[®] may be used to treat southern pine, mixed southern pine, Radiata pine, Caribbean pine, red pine, Ponderosa pine, German Scots pine, hem–fir and southern pine or Douglas fir plywood.

MICRO-GUARD[®] is a registered trademark of Hoover Treated Wood Products Inc.

DISCLAIMER OF LIABILITY FOR RELIANCE ON INFORMATION PROVIDED BY HOOVER TREATED WOOD PRODUCTS, INC.:
The information contained herein is true and accurate to the best of our knowledge, but is provided without warranty or guarantee. Since the conditions of use are beyond our control, Hoover Treated Wood Products, Inc. (“Hoover”) disclaims all liability and assumes no legal responsibility for damages resulting from use of or reliance upon the information contained herein

Part 3 – Execution and Applications

3.01 Applications

The specifier shall indicate lumber or plywood of the appropriate size, grade, specie, retention, and drying requirement necessary for the design criteria of the intended use.

A) UC1 Interior construction – above ground.

Dry Interior construction, millwork and furnishings.

B) UC2 Interior construction, above ground, damp.

Interior construction, beams, timbers, flooring millwork and sill plates.

C) UC3A – Exterior construction, above ground, coated and rapid water runoff.

Exterior coated millwork, siding and trim.

D) UC3B Exterior construction, uncoated – above ground.

Decking, deck joists, beams and framing, trim and fascia, fence boards, handrails.

E) UC4A Ground Contact, General use – ground and fresh water contact.

Deck support posts, fence posts, landscaping, piers, and docks.

F) UC4B Ground Contact, Critical Structure

Permanent Wood Foundation (PWF), dock components subject to salt water splash.

Locations requiring preservative-treated wood for decay or termite resistance are described in Section 2304.11 of the International Building Code (IBC) and Sections R317, R318 and R402.1.2 of the International Residential Code (IRC).

Part 4 Installation

4.01 Fasteners

Fasteners used with *MICRO-GUARD*[®] must be in accordance with Section 2304.9.5 of the IBC and Section R319.3 of the IRC, except that aluminum fasteners are permitted.

Galvanized fasteners may be used for many exterior applications. Fasteners, nails and screws should conform to ASTM-A153 (1 oz/ft²). Hardware, such as connectors, joist hangers, etc. shall conform to ASTM – A653 G90 (0.90 oz/ft²).

Aluminum fasteners and other building products (flashing, siding, etc.) may be placed in direct contact with *MICRO-GUARD*[®] when used for code compliant interior or above ground applications, such as decks, or fencing. Applications must provide proper water drainage and not allow the wood to be exposed to standing water or to water immersion.

Stainless Steel (Type 304 and 316) fasteners 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 and other critical environments.

Trapped water or moisture leads to conditions that favor corrosion. *MICRO-GUARD*[®] should not be used in conditions where these conditions will exist. Where design or actual conditions allow for constant, repetitive or long periods of wet conditions, only stainless steel fasteners should be used.

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