

# HOOVER TREATED WOOD PRODUCTS, INC

## ***TECHNICAL NOTE***

FOR ADDITIONAL INFORMATION: [www.frtw.com](http://www.frtw.com) or 1-800-TEC-WOOD (832-9663)

### ***CERTIFICATION***

#### ***DURA-GUARD® Preservative Treated Wood***

##### **Part 1 – General Product Information**

- A. ***DURA-GUARD®*** is pressure-impregnated preservative treated lumber and plywood designed for long-term performance in various residential, commercial, agricultural or industrial applications where protection from fungal decay and termites is required.
- B. ***DURA-GUARD®*** is treated with a copper azole compound (CA-C). It is listed in the American Wood Protection Association (AWPA) P48, U1, and T1 Standards.
- C. ***DURA-GUARD®*** is recommended to be KDAT (kiln dried after treatment).
- D. ***DURA-GUARD®*** treated wood products are produced under accredited third party review and carry the stamp of an approved third party agency.
- E. ***DURA-GUARD®*** preservative does not contain Chromium, Arsenic, or Urea formaldehyde

##### **Part 2 - Preservative Treatment**

- A. Treatment shall be ***DURA-GUARD®*** provided by Hoover Treated Wood Products, Inc.
- B. ***DURA-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
- C. ***DURA-GUARD®*** treated wood meets the applicable building code requirements for above ground and ground contact use.
- D. Plywood treated with ***DURA-GUARD®*** shall be manufactured under US Product Standard PS 1 or PS 2. Panels shall have a minimum bond durability of Exposure 1.
- E. Grade marked lumber treated with ***DURA-GUARD®*** shall be in accordance with PS 20.
- F. 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.

##### **Part 3 – Execution and Applications**

###### **3.01 Applications**

The following AWPA Use Categories (UC) describes exposure conditions that ***DURA-GUARD®*** treated wood products may be subject to.

- UC1 Interior Dry
- UC2 Interior Damp
- UC3A Exterior Above Ground, Coated with Rapid Water Runoff
- UC3B Exterior Above Ground, Uncoated or Poor Water Runoff
- UC4A Ground Contact, General Use
- UC4B Ground Contact, Heavy Duty

Locations requiring preservative-treated wood for decay or termite resistance are described in Section 2304.12 of the International Building Code (IBC) and Sections R317, R318 and R402.1.2 of the International Residential Code (IRC).

### 3.02 Fasteners

- A. Fasteners used with ***DURA-GUARD®*** to be in accordance with Section 2304.10.5 of the 2015 and the 2018 IBC, Section 2304.9.5 of the 2009 IBC and the 2012 IBC, and Section R317.3 of the IRC.
- B. Aluminum fasteners or other aluminum building products (flashing, siding, etc.) must not be placed in direct contact with ***DURA-GUARD®***.
- C. For Permanent Wood Foundations, use 304 or 316 stainless steel.