



# **BLUWOOD®**

## **DESIGN SPECIFICATION GUIDE**

**For**

### **RESIDENTIAL SINGLE & MULTI FAMILY HOMES, LIGHT COMMERCIAL BUILDINGS AND FACTORY BUILT SYSTEMS & STRUCTURES**

**Related Sections Include the Following:** • Rough Carpentry • Finish Carpentry

#### **1.0 MATERIALS**

**BLUWOOD:** A pre-construction, factory applied, two product DOT and Infusion Film wood component coating. The DOT (EPA reg. No. 64405-8-82005) is a fungicide and insecticide that prevents infestation and damage by fungus and wood destroying insects (including subterranean and Formosan termites) and carpenter ants. The Infusion Film is a water repellent, vapor permeable film that resists water seeping in while allowing moisture vapor to escape and maintain a normal moisture balance. The Infusion Film is treated to resist mold growth on the dried film surface. The DOT and Infusion Film shall be furnished by WoodSmart Solutions, Inc.

#### **2.0 COATING APPLICATION**

**BLUWOOD** DOT and Infusion Film products are factory applied to approved wood component(s) prior to being delivered to the job-site by authorized, independently owned companies licensed by WoodSmart Solutions, Inc. Precise process control assures proper application of the two product system to all sides, edges and ends of each wood component.

#### **3.0 APPROVED USES, APPLICATIONS AND WOOD SPECIES**

**Interior, Above Ground, Weather Protected, Covered Structure, Air or Kiln Dried Wood Components:**

- Framing • Studs • Roof & Floor Trusses • Rafters, Beams, Joist & Headers • Engineered Wood • OSB
- Plywood • Roof, Wall & Floor Sheathing • Molding & trim • Millwork

**Approved Exterior, Above Ground, Air or Kiln Dried or Pressure Treated Wood Components, that will upon installation and thereafter are required to be further protected from the weather with a quality exterior grade paint, stain or sealer recommended for exterior wood surfaces:**

- Wood/Composite Siding • Fencing • Columns • Molding & Trim • Window & Door Components
- Deck & Stair Parts • Log Home Wood Components

**Approved for application to wood components that have been treated with any of the following:**

- CCA • Thompsonized (after 60 days weathering) • ACZA • Borates • CA • CAB

**Air or Kiln Dried Wood Species**

- Douglas Fir • Hem-Fir • Southern Yellow Pine • Spruce-Pine-Fir • White Wood
- Most Soft & Hardwood Species

#### **4.0 QUALITY ASSURANCE**

Factory application of the two products DOT Wood Preservative and Infusion Film process to be precisely monitored by qualified personnel. Scientific testing analysis, mandatory quality control procedures and policies by treatment plant and manufacturers field and laboratory technicians/chemist is verified by Third party inspection.