



## TECHNICAL NOTE

FOR ADDITIONAL INFORMATION: [www.frtw.com](http://www.frtw.com) or 1.800.TEC.WOOD (832.9663)

# FINISHING GUIDELINES

## PYROGUARD™ Interior Fire-Retardant-Treated Wood

Hoover's **PyroGuard**™ pressure impregnated fire-retardant-treated wood can be finished or glued with good results. The treatment is waterborne and contains no petroleum or organic solvents and does not bleed thru properly applied finishes. Precautions and procedures for finishing or gluing treated wood are similar to those for untreated wood. As with untreated wood, finish and adhesive performance is highly dependent on moisture content, species, surface preparation, application method, and following the finish or adhesive manufacturers' recommendations.

### **MOISTURE CONTENT**

Moisture content (MC) of any wood product is a critical factor in determining the effectiveness of wood finishes and adhesives, whether treated or untreated. If MC is too high, poor finish or adhesive performance is likely. Consult with finish or adhesive manufacturer to determine application parameters.

Even though **PyroGuard**™ lumber and plywood is always kiln dried after treatment (KDAT), additional drying time may be necessary for freshly installed wood product to have a uniformly low enough MC to meet finish or adhesive manufacturers application recommendations. For example, untreated plywood is manufactured at approximately 6-8% MC compared to treated plywood that's KDAT to 15% MC. It is suggested that the HVAC system should be operational, and the wood allowed to equilibrate before application of adhesive or finishes.

### **SPECIES**

Some species of wood are naturally high in tannins, resins or other extractives that may cause brown, tan or other discolorations through paint film. This is usually associated with factors such as type of wood and MC related issues. See manufacturers' recommendations for methods and appropriate finish products.

### **SURFACE PREPARATION**

Surface preparation is extremely important. In addition to being thoroughly dry, the surface must be free of surface deposits, dirt, pitch, dust, mildew or other materials. Sanding, cleaning, scraping, brushing or wiping may be necessary to clean the surface. Avoid washing or pressure washing because it re-wets the wood.

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12-2017

## **TESTING OF ADHESIVES OR FINISHES**

Due to the infinite variety of finish and adhesive products, weather conditions, building exposures, storage conditions and construction techniques, Hoover Treated Wood Products, Inc. cannot make detailed recommendations for finishing or, use of adhesives or specific manufacturers products for use with its products. Hoover Treated Wood Products, Inc. accepts no liability with regards to the finishing or use of adhesives with its products.

IT IS THE USER'S RESPONSIBILITY TO TEST THE DESIRED ADHESIVE or FINISHING SYSTEM ON SAMPLE MATERIAL AND EXPOSURE TO ACTUAL USE CONDITIONS TO DETERMINE IF THE DESIRED EFFECT CAN BE OBTAINED.

For exterior fire retardant treated wood, see "Guidelines for Finishing **ExteriorFireX™**"