

HOOVER TREATED WOOD PRODUCTS, INC.

TECHNICAL NOTE

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

GUIDELINES FOR FINISHING AND USE OF ADHESIVES WITH *PYRO-GUARD*[®] FIRE RETARDANT TREATED WOOD

Hoover's *PYRO-GUARD*[®] 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 finishing system.

MOISTURE CONTENT

Moisture content of the wood is a critical factor in determining the effectiveness of wood finishes and adhesives, whether treated or untreated. Often moisture content is overlooked in the rush to complete a construction project. If moisture content is too high, poor finish or adhesive performance is likely. Consult with finish or adhesive manufacturer to determine application parameters.

Even though *PYRO-GUARD*[®] lumber and plywood is always kiln dried after treatment (KDAT), additional drying time is necessary after installation because of possible re-wetting on the job or moisture gain due to high humidity. Furthermore, even freshly KDAT wood will not have a uniformly low enough moisture content for finishing. For example, untreated plywood is manufactured at 6-8% m.c. compared to treated plywood that's KDAT to 15%. This is why additional on-site drying is necessary, and it's also the reason why application of finish or adhesive to freshly un-bundled wood is not recommended.

SURFACE PREPARATION

Surface preparation is extremely important. In addition to being thoroughly dry, the surface must be free of dirt, surface deposits, 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. Finishes or adhesives should be applied in accordance with the manufacturer's recommendations.

TESTING OF ADHESIVES OR FINISHES

Due to the infinite variety of weather conditions, building exposures, storage conditions and construction techniques, Hoover Treated Wood Products, Inc. cannot make detailed recommendations for finishing or use of adhesives with its products. Hoover Treated Wood Products, Inc. accepts no liability with regards to the finishing of its products. **IT IS THE USER'S RESPONSIBILITY TO TEST THE DESIRED FINISHING SYSTEM ON SAMPLE MATERIAL AND EXPOSURE TO ACTUAL USE CONDITIONS TO DETERMINE IF THE DESIRED EFFECT CAN BE OBTAINED.**

For *Exterior Fire-X*[®] exterior fire retardant treated wood, see "Guidelines for Finishing *Exterior Fire-X*[®]."

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