



TECHNICAL NOTE

FOR ADDITIONAL INFORMATION: www.frtw.com or 1.800.TEC.WOOD (832.9663)

STORAGE, HANDLING & INSTALLATION RECOMMENDATIONS

PyroGuard™ Interior Fire-Retardant-Treated Wood

PyroGuard™ interior fire-retardant-treated wood is recommended for installation in interior applications (including roof, wall, and floor sheathing) and should not be used where it will be exposed to in-service weather, wetting, dampness, or condensation. **ExteriorFireX™** fire retardant treated wood is recommended for these applications.

JOBSITE STORAGE

As with untreated wood, exposure to rain, dampness and humidity can result in elevated moisture content. **PyroGuard™** fire retardant treated wood must be kept dry prior to installation by such means as covering bundles with weather resistant materials, storing under shelter, elevating bundles to prevent ground contact, and allowing for air circulation around the wood.

If not immediately covered with felt, roofing or other weather barriers during installation, fire retardant treated wood exposed to the weather must be protected with temporary weather resistant covering. If wetted during construction, redry plywood to 15% moisture content, or replace before enclosure. These recommendations are consistent with those for untreated plywood from APA - The Engineered Wood Association.

CUTTING, MILLING OR SURFACING

For **PyroGuard™** lumber, milling or ripping parallel to grain should be done prior to treatment. Field cuts across the grain are permitted after treatment without field treatment of cut ends. **PyroGuard™** plywood may be cut or ripped in any direction.

See *PyroGuard™ and ExteriorFireX™ Cutting, Ripping, and Milling* technical note for more information.

FASTENERS

Galvanized fasteners have been recommended for many years for all types of treated wood.

PyroGuard™ is safe to use with galvanized nails, truss plates, duct work, plumbing, conduit and copper. Use of uncoated carbon steel fasteners is permitted within the weather-protected building envelope when not exposed to damp or wet conditions. See *PyroGuard™ Fastener Guidelines* technical note for more information.

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VENTILATION, MOISTURE AND HEAT

Adequate air flow is needed across at least one surface in wood roof systems to control moisture and reduce temperature. This requires that ventilation be balanced and uniform. Enclosed cavities under flat or vaulted roofs are particularly hard to ventilate and require careful attention to detail to assure adequate ventilation. Minimum air flow requirements are prescribed by the building codes.