

# DRICON®

## Fire Retardant Treated Wood



No other fire retardant product, treated or untreated, can match **Dricon® fire retardant treated (FRT)** wood's long term track record for effectiveness. In fact, **Dricon®** offered superior performance in thousands of applications conducted under the most challenging conditions. Pressurized with an original, patented fire retardant, **Dricon®** remains stable in the highest temperature environments. And it's the only **FRT** wood product on the market today that is backed by a 40-year warranty.

### DRICON® CAN TAKE THE HEAT

Wood treated with **Dricon®** reduces flamespread and smoke development and its ability to maintain its structural strength in a fire is enhanced. Although other fire retardant wood products and laminates are available, some suffer from heat degradation problems. Furthermore, laminates treated on only one side of the sheet do not offer thorough protection from heat spread and combustion.

### WATER IS NO SWEAT

Unlike similar products, **Dricon®** does not pick up excessive moisture, even at a relative humidity of 95%. Tests show that **Dricon®** is no more corrosive than untreated wood, even when the relative humidity reaches 100%.

### TRIAL BY FIRE

Each piece of **Dricon®** is marked with an ink stamp or paper label bearing classification mark of Underwriters Laboratories, Inc., (UL). It shows that **Dricon®** has been kiln dried after treatment and qualifies as an Interior Type A, low hygroscopic product. **Dricon®** was the first product of its kind to be issued a national code compliance report for fire retardancy and structural durability. The use of **Dricon®** wood can reduce insurance premiums in many applications.

### WHERE THE WOOD WORKS

**Dricon®** provides greater design latitude than conventional noncombustible materials such as masonry or steel. Architects, engineers and contractors are putting **Dricon®** in use in:

- Indoor construction staging, scaffold and workman's shanties
- Studs, wallplates and firestops
- Roof systems including decks, purlins and joists
- Air return plenum framing in HVAC systems
- Elevator shafts
- Interior siding and millwork areas where sprinkler systems cannot be installed
- Anywhere other materials would permit a fire to ignite and spread

### ENVIRONMENTALLY FRIENDLY

The chemicals used in **Dricon®** wood are of very low toxicity and will not harm anyone who works with it. Tests have shown that smoke from **Dricon®** is no more toxic than smoke from untreated wood. Naturally, normal safety precautions for working with any wood should be followed. This means gloves, dust masks, and eye protection. Ingestion tests have demonstrated that extreme amounts of wood would have to be ingested before chemical exposure becomes significant.

### FINISHING

A light sanding and thorough wiping should be performed prior to the application of any finish. Stains, sealers, varnishes, and paints can be used on **Dricon®**. Paints can be either water based or oil based; stains should be solvent-based to avoid possible surface crystallization of the fire retardant chemical. **Dricon®** does not adversely affect the performance of nonstructural constructive adhesives, mastics or contact cements. Using carbide tipped saw blades and hot dipped galvanized steel fasteners is recommended.

**Species:** Doug-Fir

**Grade:** Plywood 4 to 5 ply

**Code Reference:** UBC Sec. CHP #1811  
CABO R 802.1.1 R 803.2.1.2



**Classified Interior Type A/KDAT  
AWPA Recognition of Dricon® FRT Wood**

**Dricon®FR** chemicals and **Dricon®FRT** wood are acceptable under AWPA's P & U standards. **Dricon FR** chemical meets the formulation listed as "**FR-1**" in standard P17 for fire retardant formulations.

**Dricon FR** chemical and **Dricon FRT** wood are also recognized as an effective preservative system for above-ground, weather-protected applications. The fire retardant qualifies as an inorganic borate preservative (SBX), meeting the requirements for AWPA standard P5, Waterborne Preservatives (section 9). **Dricon FRT** wood can also be used in categories UC1 and UC2.