



Fire Retardant Coatings of Texas®, LLC  
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# FX LUMBER GUARD® XT

## EXTERIOR FIRE RETARDANT

### TECHNICAL DATA SUBMITTAL

### CERTIFIED FOR FACTORY AND FIELD APPLICATIONS

- **Lumber:** SYP, SPF, Hem Fir, Doug Fir & Similar Species of Hardwood and Softwoods.
- **Plywood:** SYP, Doug Fir, Red Oak and Similar Species of Hardwood and Softwoods.
- **Engineered Wood Products:** OSB, LVLs, LSLs, PSLs, Glulam, I-Joist and Similar EWP Materials
- **Other:** Cypress, Cedar, Shakes, Redwood, Reclaimed Wood, Thatching, Bamboo & Preservative Treated Lumber and Plywood

**FX Lumber Guard XT:** Can be applied for interior or exterior, Intertek Laboratory certification is for interior applications.

**FX Lumber Guard XT:** A red colorant can be added to assist with visual inspections upon request at no additional cost.

**FX Lumber Guard XT:** Can be overcoated

**FX Lumber Guard XT:** application is permanent. No re-treatment required.

**FX Lumber Guard XT:** IS NOT A PRESERVATIVE OR A SEALER.

**FX Lumber Guard XT:** Must be applied before any paints, stains, sealers or topcoats of any kind.

### Intertek Certified Listed & Tested Intertek CCRR-1044

ASTM E84 (**Class A** – 10 Min. Flame Spread)  
 ASTM E2768 (**Class A** – 30 Min. Flame Spread)  
 INTERIOR CERTIFIED

See the Intertek Directory of Building Products, [bpdirectory@intertek.com](mailto:bpdirectory@intertek.com), for complete information.

### Additional Class A Testing, Standards and Certifications

- |                          |  |
|--------------------------|--|
| ICC ES ESR 3872          | IAPMO UER 478                          |
| ASTM D5664 Lumber        | ASTM D5516 Sheathing                   |
| ASTM D3201 Hydroscopic   | AWPA E12 Corrosion                     |
| ASTM D2898 Weathered     | CAN/ULC S102                           |
| NFPA 255 / 703           | AWPA U1 UCFB - Exterior Fire Retardant |
| ANSI/UL 723              | UBC 42.1                               |
| CSI Division 06 05 73.33 |  |
| CSI Division 09 96 43    |  |

### UL GREENGUARD GOLD CERTIFIED Low VOC Content & Emissions

**NOTE:** The results of the three-listed species (SYP, DFir, and either white spruce or a Spruce Pine Fir) are allowed to be used together to make inference on untested wood species because the three-tested species represent the full spectrum of expected treatability.  
 Ref: American Wood Council

### Technical Information

- FSI <25 SDI / SGI <50 • 3-year shelf life • Non-Corrosive
- Stainable/Paintable • Certified 300-350 sq ft per gallon.
- Application Temp 45-95°F • Non-Toxic • Non-Hazmat
- Meets 16 CFR 1500.3 FHSA of the Consumer Product Safety Commission (CPSC) as Non-Hazardous / Non-Toxic

### • Application Process:

Material to be treated must be clean & dry before treating. Agitate product before and throughout the application and apply it as it's received. Apply by spraying at a rate of 300-350 sqft per gallon, variance based on the type of material treated. Field Applications - (Vertical spraying) Start from the bottom and work up as there is less waste this way. Drying time will vary 8-32hrs depending on weather and temperature. NOTE: All exposed sides need treatment during Factory Applications. All exposed sides need treatment on existing structures during field applications. KEEP FROM FREEZING - DO NOT DILUTE

### • Modifications to Lumber and Sheathing After Treatment

- Drilling, Cross Cuts and Straight Cuts are allowed
- Rips and milling not allowed unless retreated with FX Lumber Guard XT

• **Recommended Fasteners:** hot-dipped galvanized steel, stainless steel, silicon bronze, or copper. Untreated lumber and sheathing also recommend the same type of fasteners.

### • Field Testing of applied FX Lumber Guard XT (with no colorant added):

The treated substrate will not have distinctive observable features. A field test may be required, using the flame from a small fire source (propane torch) to a treated and untreated sample of the substrate for not less than 15 seconds. The treatment must be observable through the comparison of the reactions of the substrates to the flame characteristics. The presence of the fire retardant is visible when it begins to form a black or white char layer. FX Lumber Guard XT will control the flame spread compared to the untreated sample.

**WARNING:** Keep this and all chemicals out of children's reach - as with any chemical, this may cause eye and skin irritation - always wear personal protective equipment when handling this or any chemicals.

