



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

**FX Lumber Guard XT** can be applied to:

- **Lumber:** SYP, SPF, Hem Fir & Doug Fir
- **Plywood:** SYP / Doug Fir
- **Engineered Wood Products:** OSB, LVLs, LSLs, PSLs, Glulams, I-Joist and Similar EWP Materials
- **Other:** Cypress, Cedar, Shakes, Redwood, Reclaimed Wood, Thatching, Bamboo & Pressure Treated Lumber and Plywood

**FX Lumber Guard XT:** Intertek Laboratory has certified it for interior applications

**FX Lumber Guard XT** is clear but red tint is offered to assist with visual inspections

**FX Lumber Guard XT** is rated for interior and exterior applications

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

**FX Lumber Guard XT** is NOT a Preservative or a Sealer

### Intertek Certified Listed & Tested

Intertek CCRR-1044

ASTM E84 (Class A – 10 Minutes)

ASTM E2768 (Class A – 30 Minutes)

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

ASTM D5664

ASTM D3201

ASTM D2898

NFPA 255/703

ANSI/UL 723

CSI Divisions 06 05 73.33

UL GREENGUARD GOLD CERTIFIED

IAPMO UER 478

ASTM D5516

AWPA E12

CAN/ULC S102

AC363

UBC 42.1

CSI 09 96 43

**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 Counsel

### 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 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 sides must be treated during Factory Applications. All exposed sides must be treated 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 allowed
- Rips and milling not allowed unless retreated with FX Lumber Guard XT

### 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 presence of the treatment must be observable through the comparison of the reactions of the substrates to the flame. 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.

