



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

EXTERIOR FIRE RETARDANT PENETRANT

TECHNICAL DATA SUBMITTAL

CERTIFIED FOR FACTORY AND FIELD APPLICATIONS

- **Lumber:** SYP, SPF, Hem Fir, Doug Fir & other species of Hardwood and Softwoods.
- **Plywood:** SYP, Doug Fir, Red Oak and other species of Hardwood and Softwoods sheathing.
- **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

We provide a red colorant for validation of treatment when requested by our customers at no additional cost.

CERTIFIED ONE COAT APPLICATION

Design Values of lumber, plywood and OSB are not affected due to the non-invasive application of FX Lumber Guard XT.

DO NOT ADD ANYTHING TO THE PRODUCT

KEEP FROM FREEZING – DO NOT DILUTE

FX Lumber Guard XT: May also be applied for interior applications. When used for interior applications, then Intertek Laboratory certification is valid.

FX Lumber Guard XT: Can be stained, painted, or sealed over after material is dry with water based products only. (Recommendation: apply stain, paint, or sealer to a small area, making sure it's compatible.

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 water based paints, stains, sealers, or topcoats are used.

CCRR 1044 Covers Interior Use
Intertek Certified Listed & Tested
 Intertek CCRR-1044 **Fire Retardant Penetrant**
 ASTM E84 (Class A – 10 Min. Flame Spread)
 ASTM E2768 (Class A – 30 Min. Flame Spread)

See the Intertek Directory of Building Products,
bpdirectory@intertek.com, for complete information.

Additional Testing, Standards & Certifications

ICC ES ESR 3872
 ASTM D5664 Lumber
 ASTM D3201 Hydroscopic
 ASTM D2898 Weathered
 NFPA 255 / 703
 ANSII/UL 723
 CSI Division 06 05 73.33
 CSI Division 09 96 43

IAPMO UER 478
 ASTM D5516 Sheathing
 AWWA E12 Corrosion
 CAN/ULC S102
 AWWA U1 UCFB -
 Exterior Fire Retardant
 UBC 42.1
 NFPA 259 Potential Heat of
 Building Materials

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: ASTM Standards

Technical Information

- FSI <25 SDI / SGI <50
- 3-year shelf life
- non-Corrosive
- Stainable/Paintable (water based products only)
- 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.

