



FX Lumber Guard XT

Exterior fire-retardant penetrant

INDICATIVE DATA — please contact us directly for the manufacturer's spec sheet for your specific order: 718-386-6119 · inquiry@dmlumber.com

Certified for factory and field applications

- **Lumber:** SYP, SPF, Hem Fir, Doug Fir and other species of hardwoods and softwoods
- **Plywood:** SYP, Doug Fir, Red Oak and other species of hardwood and softwood sheathing
- **Engineered wood products:** OSB, LVLs, LSLs, PSLs, Glulam, I-Joist and similar EWP materials
- **Other:** cypress, cedar, shakes, redwood, reclaimed wood, thatching, bamboo and preservative treated lumber and plywood

A red colorant for validation of treatment is provided when requested, at no additional cost.

Certified one coat application. Design values of lumber, plywood and OSB are not affected, due to the non-invasive application.

Listings and testing

Intertek CCRR-1044, Intertek certified, listed and tested: fire retardant penetrant, ASTM E84 (Class A, 10 min. flame spread) and ASTM E2768 (Class A, 30 min. flame spread). CCRR-1044 covers interior use. See the Intertek Directory of Building Products for complete information.

Additional testing, standards and certifications: ICC ES ESR 3872 · IAPMO UER 478 · ASTM D5664 lumber · ASTM D5516 sheathing · ASTM D3201 hydroscopic · AWWA E12 corrosion · ASTM D2898 weathered · CAN/ULC S102 · NFPA 255 / 703 · AWWA U1 UCFB, exterior fire retardant · ANSI/UL 723 · UBC 42.1 · CSI Division 06 05 73.33 · NFPA 259 potential heat of building materials · CSI Division 09 96 43 · UL GREENGUARD Gold certified (low VOC content and 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 temperature 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

- May also be applied for interior applications. When used for interior applications, the Intertek Laboratory certification is valid.
- Can be stained, painted or sealed over after the material is dry, with water based products only. (Recommendation: apply stain, paint or sealer to a small area, making sure it is compatible.)
- Application is permanent. No re-treatment required.
- **Is NOT a preservative or a sealer.**
- Must be applied before water based paints, stains, sealers or topcoats are used.
- **Do not add anything to the product. Keep from freezing - do not dilute.**

Application process

Material to be treated must be clean and dry before treating. Agitate product before and throughout the application and apply it as it is received. Apply by spraying at a rate of 300-350 sq ft 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 8-32 hrs 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.

Modifications to lumber and sheathing after treatment

Drilling, cross cuts and straight cuts are allowed. Rips and milling are 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 (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.