



Fire Retardant Coatings of Texas®, LLC

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Fire Retardant Chemical Manufacturer

FX Lumber Guard / FX Lumber Guard XT fire-retardant penetrants

What are the benefits of factory-controlled fire-retardant treatments over brush/spray-applied FR coatings?

Fire Retardant Coatings of Texas Certified Factory Controlled Fire-Retardant Treatments:

- Applied within controlled factory conditions. · Full traceability of the treatment.
- Protection to all faces. · Lasts for the lifetime of the material.

Brush/Spray Surface Applied FR Coatings:

- Price point and quick lead time have increased the use of FR surface coatings.
- Applied fire-retardant surface coatings should be challenged for Classification Reports relevant to the specific sheathing species, lumber species, and sheathing thickness.
- Don't rely on the proper fire testing unless you've seen a report. Failure to check the correct certification is in place means you could put your company at risk!
- There may be little evidence of traceability in terms of application quality. Site application usually means application to one face only, i.e., the back face has no fire protection.
- Removing and re-coat after 3-5 years is often required, which is costly and time-consuming for large commercial projects.

Fire-resistance rating with FX Lumber Guard / FX Lumber Guard XT fire-retardant treatments

Fire resistance refers to the ability to resist the passage of fire after the fire has developed and prevent the fire from spreading through the building and destroying elements of the structure.

FX Lumber Guard / FX Lumber Guard XT fire-retardant penetrant chemically impregnated into the material, when activated at the developing fire, creates a chemical barrier to resist flame progression.

Reaction to fire refers to the early stages of a fire, the surface burning of materials, and the rate at which they contribute to the growth of a developing fire within a particular area. FX Lumber Guard / FX Lumber Guard XT fire-retardant penetrant treatments retard the growth/propagation of the fire by limiting the amount of heat generated, retarding the fire growth, and limiting smoke production, giving people time to evacuate buildings and time for the firefighters to arrive.

"It's not always about the sale, but rather doing what's right for our valued customers."



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