



Fire Retardant Coatings of Texas®, LLC
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TECHNICAL DATA SUBMITTAL SHEET

FX LUMBER GUARD®
FIRE RETARDANT PENETRANT

Intertek Certified Tested & Listed to
ASTM E84 (10Min) · ASTM E2768 (30Min)
Class A rated - OSB

FSI <25 SDI <50 • 1 Application @300-350 sf per gallon
 Non-Toxic • Non-Halogenated • Non-Corrosive
 Non-Hazmat • No Carcinogens • Environmentally Friendly
 Store >45°f • 3-year self-life • Application Temp 45° - 95°f
 Water-Based Stainable / Paintable

Additional Testing & Standards
CAN/ULC S102 • ANSI/UL723 • UBC 42.1
AWPA E12 • ASTM D5516 • ASTM D3201
MEETS NFPA 255/703 • ASTM E2768
CSI Div. 06 05 73.13 FRWT
 Non-Pressure Impregnation

ALTERNATIVE TO FRTW PLYWOOD

DO NOT LET IT FREEZE OR DILUTE IT FOR ANY REASON

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

We can provide a red colorant for treatment validation upon request from our customers at no additional cost.

FX Lumber Guard: Fire Retardancy is indefinite when protected from excessive humidity (>80%) or wet locations.

FX Lumber Guard: rated top fire retardant for performance, stability, testing & certifications.

FX Lumber Guard: Treated OSB can be straight, cross-cut, or ripped and will not require re-treatment.

FX Lumber Guard: can be overcoated with water-based stain or paint only after it is dry.

Application Process:

The material to be treated must be clean & dry before treatment. Agitate FX Lumber Guard before and throughout the application. Apply as received by spraying with a hand pump sprayer (similar to a Hudson Sprayer) or a high-volume, low-pressure system at a rate of 300-350 sf per gallon, (Vertical spraying) Start from the bottom and work up as there is less run off this way, drying time will vary from 8-32hrs depending on temp & humidity. The maximum moisture content for the substrate to be treated is 15 percent for dimensional lumber, 19 percent for plywood, and 16 percent for oriented strand board (OSB).

Field Testing:

When the observation of the treatment or field testing is required, field testing must be conducted as follows: The treated substrate will not have distinctive observable features. To ensure the substrate has been treated properly, the treated substrate must be field-tested: a flame from a small fire source (propane torch) is applied 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. The presence of the fire retardant can be observed when it begins to form a black char layer.

Meets 16 CFR 1500.3 FHSA of the Consumer Product Safety Commission (CPSC) as Non-Hazardous / Non-Toxic

Degradation: Design Values of OSB are not affected by the application of FX Lumber Guard, as it is less invasive than impregnation and/or kiln drying.

WARNING: KEEP THIS AND ALL CHEMICALS OUT OF CHILDRENS REACH - AS WITH ANY PRODUCT, THIS PRODUCT MAY CAUSE EYE AND/OR SKIN IRRITATION - ALWAYS WEAR PERSONAL PROTECTION EQUIPMENT WHEN HANDLING THIS OR ANY CHEMICALS.

