



# Fire Retardant Coatings of Texas®, LLC

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## FX LUMBER GUARD XT®

## TECHNICAL DATA SUBMITTAL SHEET

### Technical Data

#### Exterior or Interior Application

- FSI <25 • SGI / SDI <200 • **CLASS A** • 300/350sf per gal
- 1 Coat Application • Non Toxic • Non Halogenated
- No PBDE's • No Carcinogens • Storage Temp >45° F
- Environment Safe • 3-year shelf life • Non Corrosive
- Stainable/Paintable • Application Temp >45° F • PH Range. 4.5-5%

A colorant can be added for validation of treatment

**FX LumberGuard XT is a Leach Resistant fire retardant wood treatment with a fire performance of 5 years' maximum, unless over coated with a wood protectant or painted over, which then would extend the fire performance of the treated material.**

**FX LumberGuard XT can be applied to preservative (green) treated lumber, if the lumber is dry and above ground contact.**

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

**Also used for porous Lumber and Plywood, Cedar, Shake Shingles, Redwood, Reclaimed Barn Wood, Thatching, Bamboo and Engineered Materials (OSB, LVL's, PSL's and similar materials with limited moisture exposer).**

### Listed to ASTM E84 & ASTM E2768

**SYP, SPF, Hem Fir & Doug Fir Lumber & SPF, SYP and Fir Plywood**

**CSI Divisions 06 05 73.13 Fire Retardant Wood Treatment & CSI 09 96 43 Fire Retardant Coatings**

#### Additional Testing and Standards

**ASTM D2898 • CAN/ULC S102  
NFPA 255/703 • ANSI/UL 723 • UBC 42.1  
for Engineered Materials, Cedar, Redwood, Bamboo and Reclaimed Woods.**

*Intertek: Warnock Hersey Certification is equivalent to "UL Certification"  
Intertek: Code Compliance Research Report (CCRR) is equivalent to "ICC-ESR"*

### Application Process:

Material to be treated must be clean & dry before treating. Agitate product before and throughout application. Apply as it's received. Maybe sprayed on with a hand pump sprayer, rolled on or brushed on at a rate of 300-350 sf per gallon depending on material being treated. (Vertical spraying) Start from the bottom and work up as there is less run off this way. Drying time will vary 8-32hrs depending on weather and temperature. Rinse equipment & wash hands with soap.

### Field Testing:

When the observation of the treatment and/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, the flame from a small fire source (propane torch) is applied to a treated and untreated sample of substrate for a period of 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 coating can be observed when the coating begins to form a black char layer.

**An exterior grade paint / sealer may be applied over FX Lumber Guard XT to assist in prolonging the fire retardant performance. Follow the manufactures required maintenance of the over coat to prolong the life of the fire retardant.**

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

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

**Degradation: Design Values of lumber or plywood are not affected due to not impregnating with a salt base chemical or kiln drying after treatment.**

