



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 • Natural Mold & Insect Inhibitor
- 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 45-95°F • PH Range. 4.5-5%

A colorant can be added for validation of treatment

FX LumberGuard XT is a Non Leachable fire retardant wood treatment, over coating with a wood protectant or painted over is **HIGHLY** Recommended to prolong the life of the material treated.

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).

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. **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 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 life of the wood.

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 IRRITAION - 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.

