



Fire Retardant Coatings of Texas®, LLC
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FX LUMBER GUARD®

TECHNICAL DATA SUBMITTAL SHEET

Technical Information			
FSI <25 SGI / SDI <200	Mold Inhibitor & Insect Resistant		DON'T LET FREEZE DON'T DILUTE
Apply 45-95°F Store >45°F	Non Corrosive	Non Toxic	ENVIRONMENT SAFE
1 COAT APPLICATION	Transparent	STAINABLE / PAINTABLE	
Shelf Life: 3yrs	9.8 lbs per gallon	PH Range: 4.5-5%	

Certified Listed to ASTM E84 / 2768

Class A rated

Oriented Strand Board

CSI Div. 06 05 73.13 FRWT

CSI Div. 09 96 43 Fire Retardant Coatings

Additional Testing

CAN/ULC S102 Class A

NFPA 255/703 ANSI/UL723 UBC 42.1

We provide a colorant for validation of treatment when requested by our customers at no additional cost.

FX Lumber Guard: Fire Retardancy is indefinite when protected from excessive exposure to humidity's of >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 over coated with stain or paint after FX Lumber Guard is dry.

Application Process:

Material to be treated must be clean & dry before treating. Agitate FX Lumber Guard before and throughout the application. Apply as it's received by spraying with a hand pump sprayer, a high volume low-pressure system, rolled or brushed on at a rate of 300-350 sf per gallon depending on the material being treated. (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, the 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. 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

NOTE: Degradation: Design Values of OSB are not affected by the application of FX Lumber Guard due to the less evasive application then 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.



Intertek
CCRR-1044

