



CSI: DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 05 73.13—Fire-Retardant Wood Treatment

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee’s quality system.

Product: FX LUMBER GUARD / FX LUMBER GUARD XT FIRE-RETARDANT PENETRANT

Listee: FIRE RETARDANT COATINGS OF TEXAS, LLC

Evaluation: FX Lumber Guard / FX Lumber Guard XT Fire-Retardant Penetrants, when applied to unfinished Southern Yellow Pine dimension lumber and Southern Yellow Pine plywood at a minimum coverage rate of 300 square feet per gallon (7.36 m²/L), were evaluated when tested to the following standards:

- ASTM E84-09 and ASTM E84-07, Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.
- UL 723-2008 and UL 723-03 (revisions through May 2005), Standard for Test for Surface Burning Characteristics for Building Materials, Underwriters Laboratories, Inc.

Findings: FX Lumber Guard / FX Lumber Guard XT Fire-Retardant Penetrants, when applied to unfinished Southern Yellow Pine dimension lumber and Southern Yellow Pine plywood at a minimum coverage rate of 300 square feet per gallon (7.36 m²/L), have a flame-spread index and a smoke-developed index as specified in Table 1 below based on testing in accordance with ASTM E84 / UL 723.

TABLE 1—FLAME SPREAD INDEX AND SMOKE DEVELOPED INDEX

WOOD PRODUCT SUBSTRATE	FLAME-SPREAD INDEX (FSI)	SMOKE-DEVELOPED INDEX (SDI)
SOUTHERN YELLOW PINE - DIMENSION LUMBER	25	130
SOUTHERN YELLOW PINE - PLYWOOD	10	125

Identification:

1. Containers of FX Lumber Guard and FX Lumber Guard XT fire retardant penetrants are identified by the label bearing the manufacturer’s name (Fire Retardant Coatings of Texas, LLC) and address, the product name, the date of the manufacture, shelf life, the manufacturer’s instructions for application, the ICC-ES Listing Report number (ESL-1087), and when applicable, the ICC-ES Listing Mark.

2. The report holder's contact information is the following:

FIRE RETARDANT COATINGS OF TEXAS, LLC
1150 BLUE MOUND ROAD WEST, SUITE 403
HASLET, TEXAS 76052
(817) 710-5233
www.frctexas.com

Installation: The product must be installed in accordance with the Fire Retardant Coatings of Texas, LLC's published installation instructions and applicable codes.

Conditions of listing:

1. The listing report addresses only conformance with the standard noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing report applies only to the materials tested and as submitted for review by ICC-ES.
4. FX Lumber Guard and FX Lumber Guard XT fire retardant penetrants are manufactured in Haslet, Texas, under a quality control program with inspections by ICC-ES.