



## ICC-ES Listing Report

Reissued June 2023

### ESL-1021

This listing is subject to renewal June 2024.

**CSI:** DIVISION: 06 00 00 – WOOD, PLASTIC AND COMPOSITES  
Section: 06 05 73.13 – Fire-Retardant Wood Treatment

**Product Listing:**

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.

**Products:** FRX, SAFERWOOD, THERMEX-FR, AND MATAVERDE INTERIOR AND EXTERIOR FIRE-RETARDANT-TREATED WOOD PRODUCTS

**Listee:** CHEMCO, INC.

**Evaluation:** Chemco, Inc., FRX, SaferWood, Thermex-FR, and Mataverde fire-retardant treated wood were evaluated when tested to the following standard:

- CAN/ULC- S102-10, Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies, Underwriters Laboratories of Canada.

**Findings:** Chemco, Inc., FRX, SaferWood, Thermex-FR, and Mataverde fire-retardant treated wood have a flame spread rating of 25 or less and a smoke developed classification of 100 or less.

**Identification:**

1. Lumber and plywood treated with FRX, SaferWood, Thermex-FR, and Mataverde fire-retardant chemicals are identified with a label indicating the listee's name (Chemco, Inc.) and address, the product name, the species of the wood treated, the ICC-ES listing report number (ESL-1021) and the ICC-ES listing mark.
2. The report holder's contact information is the following:

**CHEMCO, INC.**  
**POST OFFICE BOX 875**  
**FERNDALE, WASHINGTON 98248**  
**(360) 366-3500**  
[www.chemco.org](http://www.chemco.org)  
[info@chemco.us](mailto:info@chemco.us)

**Installation:** The product must be installed in accordance with the Chemco, Inc., instructions.

**Description of products:**

FRX, SaferWood-FX and Thermex-FR fire-retardant-treated lumber may be one of the following species: structural-grade southern pine, Douglas fir, Spruce-pine-fir, western red cedar, Redwood or western hem-fir. Mataverde fire-retardant-treated lumber includes only structural grade western hem-fir. FRX, SaferWood-FX and Thermex-FR fire-retardant-treated plywood fabricated with face and back veneers of the following species have been evaluated as being fire-retardant-treated wood: structural-grade southern yellow pine, Douglas fir, white spruce, western red cedar or western hem-fir. The plywood is Structural I grade, exterior plywood complying with PS1.



**Models:** Structural Grade Southern Pine Lumber, Douglas Fir Lumber, White Spruce Lumber, Western Red Cedar Lumber, Western Hem-fir Lumber, Southern Pine Plywood, Douglas fir Plywood, White Spruce Plywood, Western Red Cedar Plywood and Western Hem-fir Plywood.

**Conditions of listing:**

1. The listing report addresses only those findings noted above and is applicable to the flame spread rating and smoke developed classification only.
2. Approval is the sole responsibility of the local code official.
3. This listing report applies only to the materials tested and as submitted for review by ICC-ES.
4. FRX, SaferWood, Thermex-FR, and Mataverde lumber and plywood are treated in Ferndale, Washington, under a quality control program with inspections by ICC-ES and QAI Laboratories (AA-635).