



SaferWood
THERMEX-FR

International WUI Code Compliant Exterior FRTW



Scan for Report
ESR-1159

WHAT IS FRTW?

International Building Code, Section 2303.2, which defines fire-retardant-treated wood (FRTW) as:

“Wood products impregnated with chemicals by a pressure process.”

WHAT IS A PRESSURE PROCESS?

IBC § 2303.2.1 defines pressure process as:

“For wood products impregnated with chemicals by a pressure process, the process shall be performed in closed vessels under pressures not less than 50 pounds per square inch gauge (psig) (345 kPa).”

COATINGS ARE NOT FRTW

The 2018 edition of the IBC further clarifies what is allowed in Section 2303.2.2:

“The use of paints, coating, stains or other surface treatments is **not an approved method of protection as required** in this section.”

SaferWood treated with **Thermex-FR** by Chemco is Compliant per § 2303.2 of the IBC and ignition-resistant per 2018 IWUIC Section 503.2, Item 3, FRTW, and may be used in the exterior design and construction of buildings under the IWUIC where an ignition-resistant material is required.



Quality



Ignition-Resistant



Non-Toxic



Peace of Mind

TESTING & TECHNICAL CREDENTIALS

- Ignition-resistant per 2018 IWUIC Section 503.2, Item 3, FRTW
- Fire retardant pressure treatment per 2018 IBC 2303.2.1
- Class 1/A Fire-Test Response per ASTM E84/UL 723 Extended 30 minutes
- Class 1/A per ASTM E84/UL 723 after ASTM D2898 Weathering
- ICC-ES Certified ESR-1159 (USA)
- ICC-ES Certified ESL-1021 (Canada)
- ICC-ES Certified ESR-1410 Fire Retardant Wood Roofing
- CAL-FIRE #2520-1450:0502 Fire Retardant Treated Redwood & Western Red Cedar; pressure impregnated
- U.S. Navy QPL under performance specification MIL-L-19140E Lumber & Plywood, Fire Retardant Treated

www.saferwood.com