

ThermoCraft™

Bringing Wood Science to Wood People

FIRE-RETARDANT-TREATED WOOD

ThermoSafeFR Ayous.

ThermoSafeFR Ayous

Ayous treated with SaferWood Thermex-FR, Southern California. Shown with a factory coating. The fire classification applies to uncoated boards.

Class A

PER ASTM E84, 30-MINUTE TEST

D2898

TESTED AFTER WEATHERING

Non-structural

INTERIOR AND EXTERIOR

QAI listed

LISTING B1152-1, CERus-1031

WHAT OUR TEAM KNOWS

We know where ThermoSafeFR Ayous fits.

FR SPECS

STANDARD OR CODE	RESULT	SOURCE
ASTM E84, 30 minutes (ASTM E2768), after ASTM D2898	Class A per ASTM E84: flame spread index under 25, smoke-developed index under 450	QAI Listing B1152-1
IBC 2303.2	Fire-retardant-treated wood, evaluated as complying	QAI CERus-1031
IWUIC 503.2; 2025 California WUI Code 504A	Ignition-resistant material	QAI CERus-1031
CAN/ULC-S102, after ASTM D2898	Flame spread under 25, smoke developed under 100.	QAI Listing B1152-1

Non-structural use. Project acceptance rests with the authority having jurisdiction.

For cladding, soffits and interiors where the code calls for it, with our team behind every submittal. Milled to our grade specs before treatment, then treated by Chemco and labelled piece by piece.

ARCHITECTS AND SPECIFIERS

Request the ThermoSafeFR Ayous submittal package.

The listings, code tables and a guide specification from our team.

+1 (778) 646-2810 | **info@thermocraft.com** | **www.thermocraft.com**

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SPECIFICATION

ThermoSafeFR Ayous, in detail.

TREATED WITH SaferWood Thermex-FR

SPECIES AND SUPPLY

BOTANICAL NAME	*Triplochiton scleroxylon*	TREATMENT	Thermex-FR by Chemco, Inc.
GRADE	Dominant vertical grain (VG)	PROFILES	Milled before treatment; ask our sales team
ORIGIN	Cameroon	LENGTHS	Ask our sales team
PRODUCER	LDCwood		
USES	Cladding and siding, interior walls; soffits and ceilings where the authority having jurisdiction accepts them.		

FR specs

UNITED STATES		SOURCE
Surface burning	Class A per ASTM E84: flame spread index under 25, smoke-developed index under 450, ASTM E84 extended to 30 minutes (ASTM E2768), after ASTM D2898 weathering	QAI Listing B1152-1, Table 2
Flame front	No more than 10.5 ft past the burners; no significant progressive combustion	QAI CERus-1031
Fire-retardant-treated wood	Evaluated as complying with IBC 2303.2 and IRC R802.1.5	QAI CERus-1031
Ignition-resistant material	2025 California WUI Code 503.2.2 and 504A; IWUIC 503.2, item 3	QAI CERus-1031
Labels	Chemco's label with the QAI listing mark on each piece (IBC 2303.2.5)	QAI CERus-1031
Use	Non-structural, interior and exterior; not for ground contact or standing water	QAI CERus-1031

CANADA		SOURCE
Surface burning	CAN/ULC-S102 after ASTM D2898: flame spread rating under 25, smoke developed classification under 100.	QAI Listing B1152-1, Table 1, citing NBC 2020 3.1.4.5(b) and 3.1.4.8(3)
Use	Non-structural	QAI Listing B1152-1

QAI CERus-1031 is a US code evaluation. Canadian values come from QAI Listing B1152-1 (CAN/ULC-S102). No Canadian code evaluation (CCMC) is on file.

WORKING WITH IT

- Milled to profile before treatment.
- No ripping or milling after treatment. Cross-cut and drill as needed.
- Stainless steel fasteners, A2 (AISI 304) minimum.
- Install uncoated. The fire classification is for uncoated boards.
- Keep the label on each piece for the inspector.
- Not for structural use, ground contact or standing water.

Fire-retardant-treated wood carries a surface-burning classification. It is not a fire-resistance-rated assembly and has no hourly rating. Fire performance applies to ThermoSafeFR Ayous and Nordic Pine as treated by Chemco, Inc. and labelled under QAI CERus-1031 and QAI Listing B1152-1, installed uncoated, unripped and in non-structural uses. Some stains, paints and coatings reduce fire performance; Chemco endorses no coating. Project acceptance rests with the authority having jurisdiction. Sources: QAI Listing B1152-1, Edition 3 (March 9, 2026) and QAI Code Evaluation Report CERus-1031, rev. March 2026 (report holder: Chemco, Inc.), at qai.org; the listing names the boards "Thermally Modified Ayous" and "Thermally Modified Nordic (Scots) Pine". Treated with SaferWood™ Thermex-FR™ by Chemco, Inc. SaferWood and Thermex-FR are trademarks of their respective owners.

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