

ICC-ES Listing Report

**ESL-1683**

Issued September 2025

This listing is subject to renewal September 2026.www.icc-es.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

CSI: DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 17 13—Laminated Veneer Lumber

Product Certification System:

The ICC-ES product-certification system includes evaluated evidence in support of test data in accordance with the standard(s) listed below. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: EVOLUTION FIRE-RETARDANT TREATED LVL (LAMINATED VENEER LUMBER)

Listee: EVOLUTION INDUSTRIES

Evaluation: Evolution Fire-retardant treated LVL (FRT-LVL) is a fire-retardant treated laminated veneer lumber laminating layers of wood veneers together using an exterior-type structural phenol-formaldehyde adhesive. The product was evaluated to the following standards:

- ASTM E84-21a Standard Test Method for Surface Burning Characteristics of Building Materials, ASTM International.
- ASTM D2898-10 (2017), Standard Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing, ASTM International.

Findings: Evolution Fire-retardant treated LVL, when subjected to the accelerated weathering test in accordance with ASTM D2898 (Method B), has a flame spread index (FSI) of less than 25 and a smoke-developed index (SDI) of less than 450, as determined from the initial 10 minute test period in accordance with ASTM E84. During the subsequent 20-minute test period, the flame front did not progress more than 10.5 ft (3200 mm) beyond the centerline of the burners when tested in accordance with ASTM E84. Approval of the product's use is the sole responsibility of the local code (building) official.

Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the listing report number (ICC-ES ESL-1683), and when applicable, the ICC-ES Listing Mark, along with the name, registered trademark, or registered logo of the listee must be included in the product label.
2. In addition, the Evolution Fire-retardant treated LVL must be identified with stamps bearing the product designation (Evolution FRT-LVL), grade (3100-F_b-2.1E), and production date and shift.
3. The report holder's contact information is the following:

EVOLUTION INDUSTRIES
1785 THE EXCHANGE, SUITE 300
ATLANTA, GEORGIA 30339
(310) 498-8728
jfuller@evolution.ltd

Installation: The product must be installed in accordance with the Evolution Industries' published installation instructions and applicable codes.

Conditions of listing:

1. The listing report addresses only conformance with the standards noted above.
2. Approval of the product's use is the sole responsibility of the official local code.
3. The listing report applies only to the materials tested and as submitted for review by ICC-ES.
4. The Evolution Fire-retardant treated LVL is manufactured under a quality control program.