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ICC-ES Listing Report

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ESL-1091

Reissued 11/2017
This listing is subject to renewal 11/2018.

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
SECTION: 06 17 33—WOOD I-JOISTS

REPORT HOLDER:

WEYERHAEUSER

POST OFFICE BOX 6049
FEDERAL WAY, WASHINGTON 98063-6049

EVALUATION SUBJECT:

TJI JOISTS® WITH FLAK JACKET™ PROTECTION



Look for the trusted marks of Conformity!

“2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence”



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A Subsidiary of the International Code Council®

CSI: DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 17 33—Wood I-Joists

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: TJI® Joists with Flak Jacket™ Protection

Listee: WEYERHAEUSER
POST OFFICE BOX 6049
FEDERAL WAY, WASHINGTON 98063-6049
(888) 453-8358
wood@weyerhaeuser.com
www.weyerhaeuser.com

Evaluation: TJI® Joists with Flak Jacket™ Protection applied to both sides of the web were tested in accordance with the following standards:

- ICC-ES Acceptance Criteria for Prefabricated Wood I-Joists (AC14), Appendix A, Sections A4.4.1 through A4.4.3, approved June 2016.

Findings: TJI® Joists with Flak Jacket™ Protection applied to both sides of the web are evaluated to be an alternative to 2-by-10 dimension lumber, based on the results of fire testing in accordance with Sections A4.4.1 through A4.4.3 of Appendix A of AC14, and have met the requirements for equivalent fire performance prescribed in the applicable sections of the following code editions:

- 2015 *International Residential Code*® Applicable Section: R302.13 Exception 4
- 2012 *International Residential Code*® Applicable Section: R501.3 Exception 4

Identification: TJI® prefabricated wood I-joists with Flak Jacket™ Protection are identified, prior to application of field-applied W20115 Paint, by web markings including a Flak Jacket™ Protection stamp or label, manufacturer's name or logo, plant number, coating production date, the name or logo of the inspection agency (PFS Corporation) and the ICC-ES listing report number (ESL-1091), and when applicable the listing mark, along with a stamp on the I-Joist flanges that identifies the I-Joist member's product designation, manufacturer's name or logo, plant number, production date, the name or logo of the inspection agency (PFS Corporation), and the ICC-ES evaluation report number ([ESR-1153](#)). The W20115 Paint is provided by Weyerhaeuser in 5 gallon pails or 275 gallon totes and identified by a label on each pail or tote identifying the contents as the W20115 paint. The painted joists are identified by the flange markings and gray paint (W20115) covering the Flak Jacket™ coating and flanges as required by the Weyerhaeuser application instructions. A remediation tag will also be attached to a joist adjacent to nearby mechanical equipment or other suitable location to certify that the joists in the home were remediated according to Weyerhaeuser requirements by applicators approved by Weyerhaeuser.

Installation: TJI® Joists with Flak Jacket™ Protection shall be installed in accordance with Weyerhaeuser's published installation instructions and applicable codes. W20115 Paint may be field applied over the TJI® Joists with Flak Jacket™ Protection. The W20115 Paint shall be applied in accordance with Weyerhaeuser's published installation instructions.

Conditions of Listing:

1. Additional attributes and their applications can be found in the ICC-ES Evaluation Report, [ESR-1153](#).
2. TJI® Joists with Flak Jacket™ Protection are permitted to be painted with a field-applied paint produced by Weyerhaeuser and identified as W20115 provided that the framing inspection (IRC Section R109.1.4) is conducted prior to the application of the field paint.
3. The listing report addresses only conformance with the standards and code sections noted above.
4. Approval of the product's use is the sole responsibility of the local code official.
5. The listing report applies only to the materials tested and as submitted for review by ICC-ES.