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RESEARCH REPORT: RR 26065
(CSI # 06 17 33)

BASED UPON IAPMO UES EVALUATION
REPORT NO. ER - 0431

REEVALUATION DUE DATE:

November 1, 2017

Issued Date: November 1, 2016

Code: 2014 LABC

GENERAL APPROVAL –Initial Approval- PinkWood, PKI Joists

DETAILS

The above assemblies and/or products are approved when in compliance with the limitations, use, description, identification and substantiating data of Evaluation Report No. ER – 0431, issued March 25, 2016, revised June 3, 2016 of the IAPMO Uniform Evaluation Service. The report, in its entirety, is attached and made a part of this general approval.

The parts of Evaluation Report No. ESR-0431 marked by asterisks have been removed from this approval by the City of Los Angeles Building and Safety Department.

Pinkwood, Ltd.

RE: Pinkwood PKI Prefabricated Wood Joists.

The approval is subject to the following conditions:

1. Fabrication of PKI joists shall be in a shop of a fabricator licensed by the City of Los Angeles Building Department, in accordance with the Manufacturing Standards submitted to the Department.
2. Plywood web shall conform to U.S. Product Standard PS 1-07 of the United States Department of Commerce, and be APA grade marked. OSB Web shall conform to Product Standard PS 2-04 of the United States Department of Commerce.
3. Adhesive for the I-Joists shall be of an exterior type. The adhesives shall conform to ASTM D2559.
4. PKI joist shall be installed and properly braced in accordance with the Pinkwood published installation instructions and the 2014 Los Angeles Building Code.
5. Deflection shall be limited per Code for wood members.
6. Holes may be cut in the OSB Web as specified in section 2.5 of Evaluation Report No. ESR-0431.
7. No cutting or notching of the PKI joist flanges is permitted.
8. All products recognized in this Research Report shall be limited to end use locations at which the average equilibrium moisture content is equal to or less than 16 percent.
9. Design values are subject to adjustment for duration of load as provided in the Code.
10. Designs requiring load determination calculations shall be done by a licensed civil or structural engineer registered in the State of California.
11. Allowable nail spacing for PKI joist diaphragm applications must be as specified in Section 3.1 of the attached ER-0431.
12. Flanges shall not be subjected to dynamic or static outward forces which may tend to separate the flange from the web.
13. Pinkwood I-Joists are identified with the manufacturer's name (Pinkwood Ltd.), the product name (PKI), the series name, I-joist depth, and the evaluation report number ER-0431.
14. Pinkwood I-Joists are manufactured in Calgary, Alberta, Canada under surveillance of APA – The Engineered Wood Association.

Pinkwood, Ltd.

RE: Pinkwood PKI Prefabricated Wood Joists.

DISCUSSION

The report is in compliance with the 2014 City of Los Angeles Building Code.

The approval is based on tests and analysis in accordance with ICC ES Acceptance Criteria for Prefabricated Wood I-Joists (AC14), approved October 2013, editorially revised January 2016 and ASTM D5055, Standard Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists. The adhesive used in the manufacturing of Pinkwood I-Joists shall be accordance with ASTM D7247, Standard Test Method for Evaluating the Shear Strength of Adhesive Bonds in Laminated Wood Products at Elevated Temperatures.

This general approval will remain effective provided the Evaluation Report is maintained valid and unrevised with the issuing organization. Any revision to the report must be submitted to this Department for review with appropriate fee to continue the approval of the revised report.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this Approval have been met in the project in which it is to be used.

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Attachment: IAPMO UES Report No. ER - 0431 (6 Pages)