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RESEARCH REPORT: RR 25661
(CSI# 06 25 23)

BASED UPON ICC-ES EVALUATION
REPORT NO. ESR-1472

REEVALUATION DUE
DATE: February 1, 2019
Issued Date: April 1, 2017
Code: 2017 LABC

GENERAL APPROVAL – Reevaluation/Clerical Modification- Simpson Strong-Tie WSNTL Wood Screws

DETAILS

Simpson Strong-Tie WSNTL Wood Screws are approved when in compliance with the use, description, design, installation, conditions of approval, and identification of Report No.ESR-1472, dated September 1, 2016 of the ICC Evaluation Service, Incorporated. The report, in its entirety, is attached and made part of this general approval.

The parts of Report No.ESR-1472 marked by the asterisks have been removed by the Los Angeles Building Department from this approval.

The approval is subjected to the following conditions:

1. Fasteners are installed in accordance with Simpson Strong-Tie instructions and ESR-1472.
2. WSNTL wood screws are not approved for installations in contact with pressure treated lumber except in SBX/DOT and zinc borate preservative-treated wood in an interior, dry environment.
3. WSNTL wood screws are not approved for installations in contact with fire-retardant treated lumber in exterior applications but may be used in interior applications in accordance with Simpson Strong-Tie's recommendations.

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4. Diaphragm shear loads are less than the allowable loads shown in Table 1 and 2.
5. Approved screws shall be packaged and labeled with the appropriate following listed trade names: WSNTL2L, WSNTL2L-17, WSNTL2LG2, WSNTL2LQ2, WSNTL212, WSNTL2LG212, WSNTL2LQ212, WSNTL3, WSNTLG3 and WSNTLQ3.
6. All construction details shall be provided by the engineer of record for the building on the approved plans. The details shall be reviewed by Structural Plan Check.
7. Where screws are fastened into lumber with moisture content greater than 19%, the allowable capacities for the screw shall be reduced according to the applicable moisture content factor in accordance with the 2017 Los Angeles City Building Code.

DISCUSSION

The Clerical Modification is to update the report to 2017 Los Angeles City Building Code.

The report is in compliance with the 2017 Los Angeles City Building Code.

The approval is based on tests in accordance with ICC-ES Acceptance Criteria for Wood Screws Used in Horizontal Diaphragms and Vertical Shear Walls (AC120) and Acceptance Criteria for Alternate Dowel Type Threaded Fasteners (AC233).

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.

Simpson Strong-Tie
Re: WSNTL Wood Screws

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: ICC ES-ESR-1472 (5 Pages)