HY-TEK Fasteners, Inc.
415 Mountain Vista Pkwy.
Livermore, CA 94551

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RESEARCH REPORT: RR 25959
(CSI # 06 05 23.13)

BASED UPON ICC EVALUATION SERVICE
REPORT NO. ESR- 2648

REEVALUATION DUE
DATE: July 1, 2018
Issued Date: November 1, 2016
Code: 2014 LABC

GENERAL APPROVAL – Technical Modification- HY-TEK NAILS

DETAILS

The above assemblies and/or products are approved when in compliance with the use, description, design, installation, conditions of use, and identification of ICC ES Report No. ESR-2648 reissued June 2016, revised September 2016, of the ICC Evaluation Service, LLC. The report, in its entirety, is attached and made part of this general approval.

The parts of Evaluation Report No. ESR-2648 marked by an asterisk have been deleted by the Los Angeles City Building Department from this approval.

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The approval is subject to the following conditions:

1. Design of the connections and installation of the Hy-Tek nails shall be per the manufacturer's published instructions and the attached ICC ES ESR-2648, copies of which shall be available at the job site.

2. Calculations demonstrating that the applied loads do not exceed the adjusted design values specified in this report must be submitted to the Structural Plan Check Section for review and approval. The calculations must be prepared by a registered architect, or civil structural engineer licensed in the State of California.

3. Special inspection of high-load diaphragms is required in accordance with Section 1705.5.1 of the 2014 Los Angeles Building Code. Periodic inspection of shear walls and diaphragms for wind and seismic resistance may be required in accordance with Sections 1705.10.1 and 1705.11.2 of the 2014 Los Angeles Building Code, respectively.

4. Nails which have a bright finish or have a coating complying with ASTM A641 Class 1 must not be used in preservative-treated or fire-retardant treated wood.

5. The fastened material shall be investigated for compliance with the accepted design criteria and code requirements by a registered architect, civil or structural engineer, licensed in the State of California.

6. Diaphragm and shear wall construction must conform to applicable provisions of section 2306.2 and 2306.3 of the 2014 Los Angeles Building Code.

7. All nails shall have uniform round heads.

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DISCUSSION

The technical modification is to recognize fastener values for engineered floor diaphragms and shear walls, as presented in revised ICC-ES ER-2648, as part of this general approval.

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

The approval was based on data in accordance with ICC-ES Acceptance Criteria for Nails and Spikes (AC116), dated June 2014 (editorially revised April 2015) including data in accordance with the ICC-ES Acceptance Criteria for Wood-frame Horizontal Diaphragms, Vertical Shear Walls and Braced Walls with Alternative Fasteners (AC120), dated June 2014 (editorially revised April 2015)

This general approval will remain effective provided the Evaluation Report is maintained valid and unrevised with the issuing organization. Any revisions to the report must be submitted to this Department, with appropriate fee, for review in order 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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Attachments: ICC-ES Evaluation Report No. ESR-2648 (7-Pages)