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Hilti, Inc.
5400 South 122nd East Avenue
Tulsa, OK 74146

Attn: Hilti Technical Services
(877) 749-6337

RESEARCH REPORT: RR 25974
(CSI #050523)

BASED UPON ICC-ES EVALUATION
REPORT NO. ESR- 3592

REEVALUATION DUE

DATE: March 1, 2017

Issued Date: March 1, 2015

Code: 2014 LABC

GENERAL APPROVAL – Reevaluation - Hilti X-HSN 24 Powder-Driven Fasteners for Attachment of Steel Deck Diaphragms

DETAILS

The above products are approved when in compliance with the use, description, design, installation, conditions of use, and identification in ICC-ES Report No. ESR-3592, reissued December 1, 2014 of the ICC Evaluation Service, LLC. The report, in its entirety, is attached and made a part of this general approval.

The approval is subject to the following conditions:

1. Steel metal deck profiles using X-HSN24 fasteners shall have a Los Angeles Research Report and an accompanying Evaluation Report. Shear capacity and diaphragm stiffness of a given metal diaphragm shall be in accordance with the respective steel metal deck Los Angeles Research Report and attached Evaluation Report.
2. In accordance with Section 4.0 of the attached ESR-3592, Hilti X-HSN 24 Powder-Driven Fasteners may be used in lieu of the Hilti X-ENDK22 THQ12 or X-EDN19 THQ12 fasteners in steel metal deck diaphragms. The conditions in the respective steel metal deck Los Angeles Research Report, as well as the conditions under Los Angeles Research Reports 25296 and 25877 shall be followed.

Hilti, Inc.

RE: Hilti X-HSN 24 Powder-Driven Fasteners for Attachment of Steel Deck Diaphragms

DISCUSSION

The clerical modification is to update contact name and phone number

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

The approval is based on tests and analyses in accordance with ICC-ES AC43 and AC70, dated October 2010 and May 2013 respectively.

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.

QUAN NGHIEM, Chief
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Attachments: ICC-ES Evaluation Report No. ESR-3592 (2 Pages).