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Simpson Strong-Tie Co., Inc.
12246 Holly St.
Riverside, CA 92509

Attn: Tim Kaucher
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RESEARCH REPORT: 25946
(CSI # 03 16 00)

BASED UPON ICC EVALUATION SERVICE
REPORT NO. ESR-2705

REEVALUATION DUE
DATE: January 1, 2018
Issued date: April 1, 2017
Code: 2017 LABC

GENERAL APPROVAL – Clerical Modification - Simpson Strong-Tie® Torq-Cut™ Self-Undercutting Anchors for Cracked and Uncracked Concrete.

DETAILS

Simpson Strong-Tie® Torq-Cut™ Self-Undercutting Anchors for Cracked and Uncracked Concrete are approved when in compliance with the use, description, design, installation, conditions of use, and identifications of Report No. ESR-2705, reissued March 1, 2017 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. 2705 marked by the asterisks have been removed by the Los Angeles Building Department from this approval.

The approval is subject to the following conditions:

1. The allowable and strength design values listed in the attached report and tables are for the fasteners only. Connected members shall be evaluated for their capacities.
2. The anchors shall be identified by labels on the packaging indicating the manufacturer's name and product designation.
3. The anchors shall be installed per manufacturer's instructions except as otherwise stated in this report. Copies of the installation instructions shall be available at each job site.

RR 25946
Page 1 of 3

Simpson Strong-Tie.

Re: Simpson Strong-Tie® Torq-Cut™ Self-Undercutting Anchors for Cracked and Uncracked Concrete

4. Design values and minimum embedment requirements shall be per Tables in ICC ES Report No. ESR-2705.
5. Periodic special inspection in accordance with Section 1704 of the 2017 Los Angeles City Building Code shall be provided for anchor installations.
6. Use of the anchors is limited to dry, interior locations.
7. Use of anchors with fire-resistance-rated construction shall be per Section 5.12 of the attached ICC-ES report
8. The use of anchors is not approved for masonry application.
9. The value shown in this report shall not be used in repair, retrofit and new construction of tilt-up wall anchorage (In tension) for connections to horizontal wood diaphragm.
10. Calculations demonstrating that the applied loads or factored loads are less than the allowable load values or design strength level values respectively, described in this report shall be submitted to Structural Plan Check at the time of permit application. The calculations shall be prepared by a Civil or Structural Engineer registered in the State of California.

EXCEPTION: Anchors used for the installation of mechanical, plumbing and electrical equipment may be designed and detailed on a plan prepared by an Engineer licensed by the state of California.

DISCUSSION

The clerical modification is to update the report to the 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 the ICC ES Acceptance Criteria for Mechanical Anchors in Concrete Elements (AC 193).

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: Simpson Strong-Tie® Torq-Cut™ Self-Undercutting Anchors for Cracked and Uncracked Concrete

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 Report No. ESR-2705 (12 Pages)