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201 NORTH FIGUEROA STREET  
LOS ANGELES, CA 90012

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OSAMA YOUNAN, P.E.  
EXECUTIVE OFFICER

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

Attn: Tim Kaucher  
(714) 738-2151

RESEARCH REPORT: RR 25837  
(CSI # 03 16 00)

BASED UPON ICC ES EVALUATION  
REPORT NO. ESR-2811

REEVALUATION DUE

DATE: November 1, 2018

Issued Date: June 1, 2017

Code: 2017 LABC

**GENERAL APPROVAL** – Clerical Modification - Simpson Strong-Tie® GDP and GDPS Gas Actuated Fasteners.

## DETAILS

The above assemblies and/or products are approved when in compliance with the use, description, design, installation, conditions of use, and identification of Evaluation Report No. ESR-2811, reissued February 1, 2017, of the ICC-ES Evaluation Services, LLC, the report, in its entirety, is attached and made part of this general approval.

The parts of Report No. ESR-2811 which are excluded on the attached copy have been removed by the Los Angeles City Building Department as not being included in this approval.

### The approval is subject to the following conditions:

1. Powder-Driven Fasteners are not allowed to resist earthquake forces except as described in Section 4.1.5 of ESR-2811.
2. Powder-Driven Fasteners must be installed in accordance with this report and Simpson Strong-Tie published installation instructions. A copy of the manufacturer's installation instructions shall be available at the job site.
3. Powder-Driven Fasteners must not be used in preservative-treated wood or fire-retardant treated wood.

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4. Installation is limited to dry, interior environments.
5. Calculations demonstrating that the applied loads are less than the maximum allowable loads must be submitted with plans and details to Structural Plan Check. The calculations must be prepared by a California registered Civil or Structural Engineer.
6. For fasteners installed into concrete, the minimum concrete thickness must be three times the fastener embedment in concrete.
7. Use of fasteners is limited to uncracked concrete and masonry.
8. For working values in steel, the fasteners shall have sufficient length so that the entire pointed portion of the shank pierces the steel plate.
9. The allowable values listed in the attached report and tables are for the fasteners only. Connected members shall be checked for their capacity (which may govern).
10. Fasteners used in structural light weight concrete filled steel deck applications are limited to installation in the lower flute or top surface as shown on Figures 1A, 1B, and 2A of ESR 2811.
11. No increase is permitted in the tabulated allowable load values for short duration loading.
12. The containers of the fasteners shall be labeled with the Simpson Strong-Tie name; the fastener product name, length, catalog number, and quantity; the evaluation report number (ESR-2811); and the manufacturing date and lot number

## **DISCUSSION**

The clerical modification is to change the name and phone number of the contact person and 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 and in accordance with the ICC-Acceptance Criteria AC 70 (February 2016).

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

Simpson Strong-Tie Company, Inc.  
RE: Simpson Strong-Tie® GDP and GDPS Gas Actuated Fasteners.

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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QUAN NGHIEM, Chief  
Engineering Research Section  
201 N. Figueroa St., Room 880  
Los Angeles, CA 90012  
Phone- 213-202-9812  
Fax- 213-202-9943

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Attachment: ICC-ES Evaluation Report No. ESR-2811 (9 pages)