

CITY OF LOS ANGELES

CALIFORNIA



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RESEARCH REPORT: RR 25334
(CSI# 06 05 23)

BASED UPON ICC-ES EVALUATION
REPORT NO. ESR-3105

REEVALUATION DUE
DATE: March 1, 2018
Issued date: March 1, 2016
Codes: 2014 LABC

GENERAL APPROVAL – Reevaluation and Clerical Modification - CT Continuity Tie and T2 Tension Tie Connectors.

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-3105 reissued August 1, 2015 and corrected on September 1, 2015 of the ICC-ES Evaluation Services, Incorporated, the report, in its entirety, is attached and made part of this general approval.

The parts of Report No. ESR-3105 marked by the asterisks have been deleted or modified by the City of Los Angeles Building and Safety Department from this approval.

The approval is subject to the following conditions:

1. The allowable loads in this report are approved for use in the repair, retrofit and new construction of tilt-up and masonry wall anchorage for the connection with the horizontal wood diaphragm in accordance with Tables A and B attached to this report.
2. The allowable load values shall not be further increased for short duration loading, such as wind and seismic. A 25% reduction in the allowable loads specified in ICC-ESR

RR 25334
Page 1 of 3

MiTek, USA.

RE: CT Continuity Tie and T2 Tension Tie Connectors.

Reports shall be taken for hold down device in accordance with Sec. 2305.5 of the 2014 Los Angeles City Building Code.

3. Allowable loads in tables are for the wood fastening devices and its fasteners and do not include supporting members. The supporting members shall be checked separately for structural adequacy by a California licensed civil or structural engineer, or architect.
4. Connection shall be fully detailed and dimensioned on approved plans.
5. The following plate washers shall be used on CT Continuity Ties and T2 Tension Ties installations:
 - for paired installation, bolt heads and nuts bear on steel and do not require a washer.
 - for sandwich installation, round WUSS flat washers conforming to the following diameters per bolt diameter:

<u>Bolt Diameter (inches)</u>	<u>WUSS Flat Washer Diameter</u>
3/8	1 3/8
1/2	1 3/8
5/8	1 3/4
3/4	2
1	2 1/2

6. Steel materials shall conform to the specification as shown on the referenced Evaluation Report. Test data verifying the properties of the steel, by the mill or by an approved testing agency, shall be obtained for each shipment. The data shall be kept on file and submitted to the Department upon request.

DISCUSSION

The Clerical Modification is to change the address, telephone number, and contact.

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

The approval of the hold-downs and ties does not include tie rods.

This approval is based on structural testing and analysis based on ICC-ES AC 155.

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

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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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Attachment: ICC ES Report No. ESR-3105 (13 Pages),
2014 LABC Tables A & B (2 Pages).