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Dietrich Industries
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RESEARCH REPORT: 25821
(CSI #05400)

BASED UPON ICC EVALUATION
SERVICE REPORT NO. ESR-2374

REEVALUATION DUE DATE:
September 1, 2012
Issued Date: August 1, 2010
Code: 2008 LABC

GENERAL APPROVAL – Reevaluation - Dietrich Heavy Duty Stud (HDS) for Interior and Exterior Walls

DETAILS

The above products are approved when in compliance with the description, use, identification and findings of Report No. ESR-2374 dated March 1, 2010, 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. 2374 marked by the asterisks have been deleted by the City of Los Angeles Building and Safety Department from this approval.

The approval is subject to the following conditions:

1. Test data in accordance with the specified ASTM Standard and grade for all steel shall be provided to the Department upon request as required by Section 2203 of the 2008 City of Los Angeles Building Code.
2. Cross sections, support details and connection details for each stud or joist shall be shown on plans and reviewed by Plan Check Engineer. The plans shall bear the stamp and signature of a civil or structural engineer or architect registered in California.

Exception: This requirement is not applicable to interior non-bearing or non-shear walls 12 feet or less in height.

RR 25821
Page 1 of 3

Dietrich Industries

Re: Dietrich Heavy Duty Stud (HDS) for Interior and Exterior Walls

3. Where exposed to the weather the studs and joists shall be galvanized.
4. Lateral bracing shall be provided by use of gypsum board and gypsum sheathing or by horizontal straps or cold rolled channels. Bracing shall conform to Section D3 of the AISI Specifications.
5. Installation of the gypsum board shall be in accordance with Section 2508 of the 2008 City of Los Angeles Building Code.
6. Wall assembly design wall shall comply with Sections 2209 and 2210 of the 2008 City of Los Angeles Building Code.
7. Screws shall be in compliance with City of Los Angeles Research Report.
8. The seismic design calculations and the detailing requirements shall be in accordance with Chapter 14 of ASCE 7-05 and Chapter 22 of the 2008 City of Los Angeles Building Code.

Dietrich Industries

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DISCUSSION

The report is in compliance with the 2008 Los Angeles City Building Code.

The approval is based on data in accordance with the ICC-Acceptance Criteria for Cold-formed Steel Framing Members (AC 46), dated February 2007 (editorially revised April 2008).

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.

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Attachment: ICC ES Report No. ESR-2374 (19 Pages)