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RESEARCH REPORT: RR 25509
(CSI #06090)

BASED UPON ICC-ES LEGACY
REPORT NO. ER-5280

REEVALUATION DUE DATE:
April 1, 2010

GENERAL APPROVAL - Reevaluation - Grabber Divall Self Drilling Screws, Streaker Steel Screws, Grabber Coarse Thread Screws, Grabber Plywood Screws and SuperDrive Screws.

DETAILS

The above products are approved when in compliance with the description, use, identification and findings of Legacy Report No. ER-5280 revised September 1, 2003, of the ICC Evaluation Service, Incorporated. The report, in its entirety, is attached and made part of this general approval.

Approval is subject to the following conditions:

1. Product submittals signed by a licensed engineer or architect registered in the State of California for use of wood screws as fasteners shall be submitted to the Structural Plan Check Section for approval for each job.
2. Each screw, when possible, is stamped on the head with the manufacturer's logo "G" for Grabber and "H" for Hitachi.
3. Allowable loads for screws for metal to metal connections shall be in accordance with Tables 1.

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John Wagner Associates, Inc.

Re: Grabber Divall Self-drilling Screws, Streaker Steel Screws, Grabber Coarse Thread Screws, Grabber Plywood Screws and SuperDrive Screws.

4. Allowable Shear for screws used in horizontal wood structural panel diaphragms and wood structural panel shear walls shall be in accordance with Tables 3 and 4 respectively.
5. The wood screws shall be spaced in accordance with 2008 Los Angeles Building Code Section 91.2304.9. Edge distances, end distances and spacing for wood screws shall be sufficient to prevent splitting of the wood.
6. Allowable values in Table 1 of the Legacy report are for a single shear connection consisting of two steel sheets of the same material type and thickness.
7. The parts of Legacy Report No. ER-5280 marked by the asterisks are deleted or revised by the Los Angeles City Building Department from this approval.

DISCUSSION

The approval is based on tests and analysis.

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.

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.

The status of the referenced Legacy Report No. ER-5280 revised September 1, 2003 , which is currently beyond it's re-examination date is still valid. The validity of the evaluation report was verified with ICC.

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RB:elcm
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Attachments: ICC-ES Legacy Report No.ER-5280 (6 pages)

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