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RESEARCH REPORT: RR 25461
(CSI #5160)

BASED UPON IAPMO EVALUATION
SERVICES REPORT NO. 0126

Expires: April 1, 2024
Issued: April 1, 2022
Code: 2020 LABC

GENERAL APPROVAL – Reevaluation - Sure-Board® Series 200, 200W and 200B Structural Panels Installed on Cold-Formed Steel or Wood Framed Shear Walls.

DETAILS

The above assemblies and/or products are approved when in compliance with the limitations, product use, description, and identification of Evaluation Report No. 0126, originally issued January 26, 2010, revised February 22, 2022, of the IAPMO Evaluation Services. The report, in its entirety, is attached and made part of this general approval subject to the following conditions.

The approval is subject to the following conditions:

1. Building design calculations and details shall be prepared by an engineer or architect licensed in the state of California and approved by the structural plan check engineer.
2. Special inspection for seismic resistance shall be conducted in accordance with the Sections 1705.12.1 and 1705.12.2 of the 2020 Los Angeles City Building Code.
3. All shear walls shall be provided with holdowns.

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4. When designing with Sure-Board® Series 200 and 200W the engineer of the record shall check:
 - All beams under the Sure-Board® Series 200 and 200W for uplift and overturning.
 - Foundation design for overturning, compression and tension.
 - The allowable vertical load on header.
 - The hold-down bolt capacity based on reduced edge and end distances detailed on plans.
 - The drag force at top plates from lateral force distribution in the same shear wall line.
 - Bearing pressure to the sill plate when there are additional vertical loads on top of the Sure-Board® Series 200 and 200W.
5. All nominal and allowable capacities provided in attached report, ER-0126 shall not be increased for short term (transient) loading.
6. Panels located in exterior walls shall be covered with an approved weather-resistant exterior wall envelope complying with Section 1402 of the 2020 City of Los Angeles Building code.
7. Panels must be installed with the published installation instructions by the manufacturer.
8. Fabrication of Sure-Board® Series 200, 200W and 200B shall be in a shop of a fabricator licensed by the City of Los Angeles Building Department, in accordance with the Manufacturing Standards submitted to the Department.

DISCUSSION

The report is in compliance with the 2020 City of Los Angeles Building Code.

The approval is based on test 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.

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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.

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RR25461
TLB2200054
R03/30/2022
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Attachments: IAPMO Report No. ER-0126 (12 Pages)