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RESEARCH REPORT: RR25748
(CSI # 09 29 00)

BASED ON ICC EVALUATION
SERVICE REPORT NO. ESR-3044

REEVALUATION DUE
DATE: March 1, 2021
Issued Date: March 1, 2019
Code: 2017 LABC

GENERAL APPROVAL – Reevaluation and Clerical Modification - USG 5/8-Inch SECUROCK™ Glass-Mat Sheathing FIRECODE® X, USG 1/2-Inch SECUROCK™ Glass-Mat Sheathing, USG 5/8-Inch SECUROCK™ ULTRALIGHT Glass-Mat Sheathing FIRECODE® X, and USG 1/2-Inch SECUROCK™ ULTRALIGHT Glass-Mat Sheathing FIRECODE® X

DETAILS

The above assemblies and/or products are approved when in compliance with the use, description, design, installation, conditions of use, and identification in Evaluation Report No. ESR- 3044, reissued April 2018, revised July 2018, subject to renewal April 2019 of the ICC Evaluation Service, LLC. The report, in its entirety, is attached and made part of this general approval.

The parts of Evaluation Report No. ESR-3044 marked by an asterisk are modified or deleted by the Los Angeles City Building Department from this approval.

The approval is subject to the following conditions:

1. Calculations and details to show compliance to this report shall be submitted to structural plan check engineer for review and approval. Calculation shall be prepared, signed and sealed by a California registered engineer.

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USG Corporation

RE: USG 5/8-Inch SECUROCK™ Glass-Mat Sheathing FIRECODE® X, USG 1/2-Inch SECUROCK™ Glass-Mat Sheathing, USG 5/8-Inch SECUROCK™ ULTRALIGHT Glass-Mat Sheathing FIRECODE® X, and USG 1/2-Inch SECUROCK™ ULTRALIGHT Glass-Mat Sheathing FIRECODE® X

2. Vertical and horizontal assemblies supporting the panels shall be designed to resist the loads specified in the Code, in addition to the requirements of Section 2504 of the 2017 Los Angeles Building Code.
3. Shear walls using the sheathing must not be used to resist forces imposed by masonry and/or concrete walls.
4. Shear walls using the sheathing shall not be used below the top level in multi-level building for structures assigned to seismic Design Category D.
5. The allowable shear capacity of wood framed walls using the sheathing shall be as set forth in Table 2306.3(3) as specified in Section 2306.3 of the 2017 Los Angeles Building Code.
6. SECUROCK™ FIRECODE® X, SECUROCK™ and SECUROCK™ ULTRALIGHT FIRECODE® X Glass-Mat Sheathing do not have finished surface; they are not intended for tile application or lamination to masonry surfaces.
7. The sheathing shall not be used as a nail base for exterior cladding.
8. SECUROCK™ FIRECODE® X, SECUROCK™ and SECUROCK™ ULTRALIGHT FIRECODE® X Glass-Mat Sheathing must be covered with an approved exterior weather resistive barrier as required per Section 1403 of the 2014 City of Los Angeles Building Code.
9. Installation of SECUROCK™ FIRECODE® X, SECUROCK™ and SECUROCK™ ULTRALIGHT FIRECODE® X Glass-Mat Sheathings shall be in accordance with the manufacturer's instructions and the attached ICC-ES ESR-3044.
10. The sheathings shall be identified by the manufacturer's name and product designation to indicate compliance with the appropriate standards referenced in this report.

DISCUSSION

The clerical modification is to update the contact information.

The technical modification is to include USG 1/2-Inch SECUROCK™ ULTRALIGHT Glass-Mat Sheathing FIRECODE® X within the scope of this approval.

The report is in compliance with the 2017 Los Angeles City Building Code.

USG Corporation

RE: USG 5/8-Inch SECUROCK™ Glass-Mat Sheathing FIRECODE® X, USG 1/2-Inch SECUROCK™ Glass-Mat Sheathing, USG 5/8-Inch SECUROCK™ ULTRALIGHT Glass-Mat Sheathing FIRECODE® X, and USG 1/2-Inch SECUROCK™ ULTRALIGHT Glass-Mat Sheathing FIRECODE® X

The approval is based on various reports in accordance with ASTM C 473 for compliance with ASTM C 1177, ASTM E84, ASTM E 136, ASTM E 119, ASTM E 330, and engineering calculations and quality documentation.

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-3044 (3 Pages)