

ICC-ES Evaluation Report

ESR-3044

Reissued April 2025

Revised July 2025

Subject to renewal April 2026


This report also contains:

- [CA Supplement w/ DSA & OSHPD](#)

- [FL Supplement](#)

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<p>DIVISION: 09 00 00—FINISHES</p> <p>Section: 09 29 00—Gypsum Board</p>	<p>REPORT HOLDER:</p> <p>USG CORPORATION</p>	<p>EVALUATION SUBJECT:</p> <p>USG 5/8-INCH (15.9 mm) SECUROCK® BRAND ULTRALIGHT GLASS-MAT SHEATHING FIRECODE®X AND USG 1/2-INCH (12.7 mm) SECUROCK® BRAND ULTRALIGHT GLASS-MAT SHEATHING</p>	
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1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2024, 2021, 2018, 2015, and 2012 [International Building Code® \(IBC\)](#)
- 2024, 2021, 2018, 2015, and 2012 [International Residential Code® \(IRC\)](#)
- 2024, 2021, 2018, 2015, and 2012 [International Energy Conservation Code® \(IECC\)](#)

Main references of this report are for 2024 IBC, IRC and IECC. See [Table 1](#) for applicable sections of the code for previous, IBC, IRC and IECC editions.

- 2013 *Abu Dhabi International Building Code (ADIBC)*[†]

[†]The ADIBC is based on the 2009 IBC. 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

Properties evaluated:

- Structural
- Noncombustibility
- Surface burning characteristics
- Fire-resistance-rated construction
- Physical properties

2.0 USES

Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X, and Securock® Brand Ultralight Glass-Mat Sheathing are used in commercial and residential applications, as exterior wall sheathing and exterior soffit board, and in applications where moisture and mold resistance are required. The sheathing is intended for use as solid sheathing behind a variety of exterior wall cladding materials on buildings of all construction types under the IBC and buildings under the IRC. The sheathing may be used to resist transverse wind loads when installed in accordance with Section 4.2.1, and racking loads due to wind and seismic forces when installed in accordance with Section 4.2.2. Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X may be used as a component of a fire-resistance-rated wall assembly when installed in accordance with Section 4.3.

3.0 DESCRIPTION

3.1 General:

Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X and Securock® Brand Ultralight Glass-Mat Sheathing are lightweight glass-mat sheathing panels with moisture and mold resistance properties complying with ASTM C1177 as specified in Table 2506.2 of the IBC and Section R702.3.1 of the IRC. The panels feature a noncombustible, water-resistant core that is encased in a coated fiberglass facer mat to maximize coverage of fluid-applied air/water barrier systems. The panels have a Class A interior finish surface-burning classification in accordance with IBC Section 803.1, comply with IRC Section R302.9, and are classified as noncombustible building materials in accordance with ASTM E136.

3.2 Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X:

Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X is $\frac{5}{8}$ inch (15.9 mm) thick and 48 inches (1219 mm) wide, available in lengths of 8 feet (2438 mm) to 12 feet (3657 mm). Custom sizes are available upon request. The coated glass-mat facer is folded around the square edges to reinforce and protect the core.

3.3 Securock® Brand Ultralight Glass-Mat Sheathing:

Securock® Brand Ultralight Glass-Mat Sheathing is $\frac{1}{2}$ -inch (12.7 mm) thick and 48 inches (1219 mm) wide, available in lengths of 8 feet (2438 mm) to 12 feet (3657 mm). Custom sizes are available upon request. The coated glass-mat facer is folded around the square edges to reinforce and protect the core.

4.0 DESIGN AND INSTALLATION

4.1 Installation:

Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X And Securock® Brand Ultralight Glass-Mat Sheathing must be installed in accordance with ASTM C1280 (Standard Specification for Application of Gypsum Sheathing) and GA-253 (Application of Gypsum Sheathing) for IBC applications, or IRC Section R702.3.5 for IRC applications; the manufacturer's published installation instructions; and this report.

When installed on exterior walls, the sheathing, when required by manufacturer's installation instructions, must be covered with an approved water-resistive barrier and an approved exterior wall covering. The panels shall not be used as a base for nailing or other fastening, and any mechanical attachments of exterior coverings must be made directly to the framing. All sheathing fasteners shall be driven so that the heads are at or slightly below the surface of the sheathing facer without breaking the face.

Panels may be applied with long dimensions parallel or perpendicular to framing members except where limited by specific requirements. Sheathing orientation and fastener spacing may be governed by local code, or by the requirements of shear, wind, or fire resistance-rated construction. Consult local codes and site-specific construction documents to ensure such requirements are met for every assembly prior to construction.

These panels offer resistance to normal weather conditions, but are not intended for constant exposure to water. Protect panels from immersion in water and the eroding effects of cascading, pooling, and/or ponding water.

USG approves the use of pneumatic or gas-power-driven pin fasteners to attach the panels to cold-formed steel framing, provided the pin manufacturer has evaluated the panels with the pin fastener in accordance with [ICC-ES Acceptance Criteria for Power-actuated Fasteners Used for Attaching Gypsum Board Materials to Cold-formed Steel Wall Framing \(AC259\)](#), and where permitted by local codes. For wood framing, the pin manufacturer shall be consulted to ensure the fasteners have been evaluated so as to not adversely affect the performance of the sheathing and to verify load capacities of the pins. Any deviations in fastener specifications and resulting load capacities is the sole responsibility of the pin manufacturer, and shall be deemed acceptable by the authority having jurisdiction.

The manufacturer's published installation instructions and this report must be strictly adhered to, and a copy of the instructions must be available at all times on the jobsite during installation.

4.2 Design:

4.2.1 Transverse Wind Resistance: The sheathings may be used to resist transverse wind loads when installed as described in [Table 2](#). Design wind loads are determined in accordance with Section 1609 of the IBC. The design wind loads must not exceed the allowable transverse wind loads shown in [Table 2](#).

4.2.2 Shear Resistance: Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X And Securock® Brand Ultralight Glass-Mat Sheathing may be used as components of conventional light framed walls for resisting shear loads when installed as described in this section.

4.2.2.1 Prescriptive Wall Bracing: Securock® Brand Ultralight Glass-Mat gypsum substrate is equivalent to gypsum sheathing for use as bracing to resist lateral loads due to wind and seismic forces. When installed as prescribed by code for gypsum sheathing, the glass mat gypsum substrate may be used as wall bracing in

accordance with IBC Section 2308.10.3, Method GB, subject to the limitations in IBC Section 2308.2, or in accordance with IRC Section R602.10.4, Method GB,.

4.2.2.2 Engineered Shear Walls: Securock® Brand Ultralight Glass Mat Gypsum substrate may be used as a component of engineered shear walls when designed in accordance with IBC Section 2305 for wood framed walls or IBC Section 2206.1 for light steel framed walls. For Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X And Securock® Brand Ultralight Glass-Mat Sheathing, see [Table 3](#) for allowable lateral in-plane racking shear loads. The design shear loads must not exceed the allowable racking shear capacities as shown in [Table 3](#).

4.2.2.2.1 Code-prescribed shear wall design wind and seismic loads must not exceed the allowable racking shear capacity for gypsum sheathing shown in Table 2306.3(3) of the IBC. Design wind loads must be determined in accordance with Section 1609 of the IBC. Design seismic loads must be determined in accordance with Section 1613 of the IBC.

4.2.2.2.1.1 Code-prescribed: For seismic design, the substrate may be used as a component of wood-framed engineered shear walls for resisting seismic loads in Seismic Design Categories A, B, C and D. The response modification factor, R , must be equal to 2; the system overstrength factor, Ω_o , must be equal to $2^{1/2}$; and the deflection amplification factor, C_d , must be equal to 2. The maximum building height is 35 feet (10.6 m) for buildings located in Seismic Design Category D areas.

4.2.2.2.1.2 Allowable lateral in-plane racking shear loads: For seismic design in accordance with [Table 3](#) for allowable lateral in-plane racking shear loads, the substrate may be used as a component of wood-framed engineered shear walls for resisting seismic loads in Seismic Design Categories A, B, and C. The response modification factor, R , must be equal to 2; the system overstrength factor, Ω_o , must be equal to $2^{1/2}$; and the deflection amplification factor, C_d , must be equal to 2.

Structural members, systems, and components, including boundary studs and plates, must be anchored to resist design forces and to provide continuous load paths for these forces to the foundation.

4.3 Fire-resistance-rated Wall Assemblies: The fire-resistance assemblies when Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X is used as a component of a fire-resistance rated wall assembly can be found in Section 4.3.1. Other assemblies not detailed in Section 4.3.1 are considered outside the scope. When requested, evidence of the fire-resistance rating for other assemblies where USG Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X are used as a component of a fire-resistance rated wall assembly must be submitted to the code official for their approval.

4.3.1 One-hour Load-bearing Fire-resistance-rated Wall Assemblies:

4.3.1.1 General: The $5/8$ -inch-thick (15.9 mm) SECURUCK® Brand ULTRALIGHT Glass-Mat Sheathing FIRECODE® X shall be installed horizontally or vertically and attached with fasteners noted in Section 4.3.1.2 or 4.3.1.3. Fasteners must have minimum edge and end distances of $3/8$ inch (9.5 mm).

When Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X is installed only on the exterior side, $5/8$ -inch-thick (15.9 mm), Type X gypsum board conforming to ASTM C1396 must be installed on the interior side using the same fastening schedule. All interior board joints without corner beads installed must be covered with 2-inch-wide (51 mm) joint tape and two layers of joint compound. All interior board nail heads must be covered with two layers of joint compound. Horizontal joints of the sheathing are not required to be supported by framing.

4.3.1.2 Wood-framed Assembly: The sheathing must be attached using No. 6 by $17/8$ inch-long (48 mm), Type W corrosion-resistant screws at 7 inches (178 mm) on center for the field, edge, and end spacing. Framing must be 2-by-4 spaced at maximum 16 inches (406 mm) on center.

4.3.1.3 Steel-framed Assembly: The sheathing must be attached with minimum $11/4$ -inch-long (31.7 mm), Type S-12 corrosion-resistant screws spaced 8 inches (203 mm) on center for field, edge, and end fastening. Framing must be minimum $31/2$ -inch-deep (89 mm), No.20 gage [0.0359 inch (0.912 mm)] base-metal-thickness steel, having minimum 1.57-inch flanges and minimum 0.43-inch returns, spaced a maximum of 24 inches (610 mm) on center.

4.4 Thermal Barrier:

Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X and Securock® Brand Ultralight Glass-Mat Sheathing may be used as a thermal barrier for foam plastic insulation when installed in accordance with Section 4.1.

4.5 Air Barrier:

Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X, and Securock® Brand Ultralight Glass-Mat Sheathing comply with the air barrier materials requirements as specified in IECC Section C402.5.2.3.1, with an air permeability not greater than 0.002 cfm/ft² (0.01 L/s x m²) under a pressure differential of 0.3-inch water

gauge (75 Pa) when tested in accordance with ASTM E2178, when all panel joints are sealed and installed in accordance with the manufacturer's installation instructions.

5.0 CONDITIONS OF USE:

The Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X and the Securock® Brand Ultralight Glass-Mat Sheathing products described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions.

- 5.1 The products must be manufactured, identified, and installed in accordance with this report, the manufacturer's published installation instructions and the applicable code. If there is a conflict between the manufacturer's published installation instructions and this report, this report governs.
- 5.2 When the sheathing is in accordance with this report, excluding Section 4.2.2, the stud walls must be braced by other materials in accordance with the applicable code.
- 5.3 Shear walls using the sheathing must not be used to resist forces imposed by masonry and/or concrete walls.
- 5.4 The fire-resistance assemblies when Securock® Brand Ultralight Glass-Mat sheathing Firecode® X is used as a component of a fire-resistance rated wall assembly can be found in Section 4.3 of this report. Other assemblies not detailed in Section 4.3 are considered outside the scope. When requested, evidence of the fire-resistance rating for other assemblies where USG Securock® Brand Ultralight Glass-Mat sheathing Firecode® X and Securock® Brand Ultralight Glass-Mat Sheathing are used as a component of a fire-resistance rated wall assembly must be submitted to the code official for their approval.
- 5.5 The sheathing is manufactured for USG Corporation in Bridgeport, Alabama; Shoals, Indiana; Jacksonville, Florida; Mediapolis, Iowa; Baltimore, Maryland; Sweetwater, Texas; El Centro, California, Puebla, Mexico; and for Canadian Gypsum Company, Inc. in Hagersville, Ontario, Canada; and for Atlantic Wallboard Limited (AWL) in Saint John, New Brunswick, Canada, under a quality control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

- 6.1 Reports of physical property testing in accordance with ASTM C473, for compliance with ASTM C1177, Standard Specification for Glass-Mat Gypsum Substrate for Use as Sheathing, ASTM International.
- 6.2 Reports of surface-burning tests in accordance with ASTM E84, Standard Test Methods for Surface Burning Characteristics of Building Materials, ASTM International.
- 6.3 Reports of noncombustibility tests in accordance with ASTM E136, Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C, ASTM International.
- 6.4 Reports of tests on a fire-resistance-rated wall assembly in accordance with ASTM E119, Standard Test Methods for Fire Tests of Building Construction and Materials, ASTM International.
- 6.5 Reports of transverse load tests in accordance with ASTM E330, Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference, ASTM International.
- 6.6 Reports of racking load tests in accordance with ASTM E72, Standard Test Methods of Conducting Strength Tests of Panels for Building Construction, ASTM International.
- 6.7 Report of Water Vapor Transmission test in accordance with ASTM E 96, Standard Test Methods for Water Vapor Transmission of Materials, ASTM International.
- 6.8 Report of Permeance test in accordance with ASTM E2178, Standard Test Method for Air Permeance of Building Materials, ASTM International.
- 6.9 Report of noncombustibility test in accordance with UNE-ISO 1182:2011, Reaction to Fire Tests for Products. Non-Combustibility Test (ISO 1182), International Organization for Standardization.
- 6.10 Report of calorific value test in accordance with UNE-ISO 1716:2011, Reaction to Fire Tests for Products. Determination of the gross heat of combustion (calorific value). (ISO 1716), International Organization for Standardization.
- 6.11 Report of fire test in accordance with UNE-ISO 13823:2012+A1:2016: Reaction to Fire Tests for Building Products - Building Products excluding floorings exposed to thermal attack by a single burning item. ISO 13823), International Organization for Standardization.
- 6.12 Engineering calculations.
- 6.13 Quality documentation.

7.0 IDENTIFICATION

- 7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-3044) along with the name, registered trademark, or registered logo of the report holder must be included in the product label.
- 7.2 In addition, each Securock[®] Brand UltraLight Glass-Mat Sheathing FIRECODE[®] X and Securock[®] UltraLight Glass-Mat Sheathing board bears a label that includes the manufacturer's name a plant identifier and date code, and the product name.

Securock[®] Brand UltraLight Glass-Mat Sheathing Firecode[®] X and Securock[®] Brand UltraLight Glass-Mat Sheathing are labeled "ULTRALIGHT WEIGHT CORE" on the face of each board.

- 7.3 The report holder's contact information is the following:

USG CORPORATION
550 WEST ADAMS STREET
CHICAGO, ILLINOIS 60661
(800) 874-4968
www.usg.com

Table 1—Applicable Sections Under Each Edition of the IBC, IRC and IECC

IBC				
2024	2021	2018	2015	2012
803.1				
1609				
1613				
2206.1	2211.1		2211.6	
2305				
Table 2306.3(3)				
2308.2				
2308.10.3	2308.6.3			2308.9.3
Table 2506.2				
IRC				
2024	2021	2018	2015	2012
R302.9				
R602.10.4				
R702.3.1				
R702.3.5				
IECC				
C402.5.2.3.1	C402.5.1.3			

Table 2—Allowable Transverse Wind Loads^{1,2,3,4,5,6,7,8,9}
 (pounds per square foot [PSF])

Securock [®] Brand Ultralight Glass-Mat Sheathing FIRECODE X (⁵ / ₈ inch thick)									
Frame Spacing	12 inch on center			16 inch on center			24 inch on center		
Fastener Spacing (inches)	4	6	8	4	6	8	4	6	8
Allowable Pressure	96	67	50	75	50	38	34	27	24
Securock [®] Brand Ultralight Glass-Mat Sheathing (¹ / ₂ inch thick)									
Frame Spacing	12 inch on center			16 inch on center			24 inch on center		
Fastener Spacing (inches)	4	6	8	4	6	8	4	6	8
Allowable Pressure	75	35	26	40	26	26	26	17	16

For SI: 1 inch = 25.4 mm, 1 psf = 47.9 Pa.

¹The sheathing can be installed parallel or perpendicular to framing.

²The perimeter of the sheathing must be supported by framing members, except edges when installed perpendicular to the framing.

³No. 6 screws must have a minimum head diameter of 0.325 inch (8.255 mm).

⁴No. 11 gage roofing nails must have a minimum head diameter of 0.372 inch (9.449 mm).

⁵The nails and screws must be installed at panel edges with a minimum edge distance of ³/₈ inch (9.5 mm).

⁶Allowable values are for short term wind loads.

⁷The values in this table are based on testing per ASTM E330 and represent the ultimate design capacity of the sheathing to resist fastener pull-through and/or flexural failure. The withdrawal resistance of fasteners from framing must be designed to provide withdrawal resistance greater than the allowable transverse load specified in the table and must be determined based on factors including, but not limited to, fastener type, fastener length and framing properties. The specification of fastener is the responsibility of the designers of record.

⁸Deflection of wall framing at allowable pressure must be less than or equal to L/360.

⁹Framing capacity and potential bracing requirements are beyond the scope of this evaluation report.

Table 3 —Allowable Lateral In-Plane Racking Shear Load For Shear Walls Consisting Of Securock® Brand Ultralight Glass-Mat Sheathing Firecode X And Securock® Brand Ultralight Glass-Mat Sheathing⁶

SHEATHING	FRAMING ^{2,4} (inches)	MAXIMUM HEIGHT TO WIDTH ASPECT RATIO	FASTENER ¹	FASTENER SPACING ³	ALLOWABLE SHEAR LOAD ^{5,7} (plf)
1/2 inch Securock® Applied Parallel to Framing	16 o.c.	1 to 1	#6 x 1 1/4 inch Bugle Head Screw	4 inches o.c. around the perimeter; 8 inches o.c. in field	161.7
1/2 inch Securock® Applied Parallel to Framing	16 o.c.	1 to 1	Hot Dipped Galvanized Roofing Nail	4 inches o.c. around the perimeter; 8 inches o.c. in field	122.0
5/8 inch Securock® Applied Parallel to Framing	24 o.c.	1 to 1	#6 x 1 1/4 inch Bugle Head Screw	4 inches o.c. around the perimeter; 8 inches o.c. in field	180.2
5/8 inch Securock® Applied Parallel to Framing	24 o.c.	1 to 1	Hot Dipped Galvanized Roofing Nail	4 inches o.c. around the perimeter; 8 inches o.c. in field	148.3

For SI: 1 inch = 25.4 mm; 1 plf = 14.6 N/m

¹Screws must have a minimum head diameter of 0.325 inch and roofing nails must have a minimum head diameter of 0.372 inch.

²The perimeter of the sheathing must be supported by framing members and / or blocking.

³Fasteners must have a minimum edge distance of 0.375 inch.

⁴Framing to be minimum nominal 2-by-4 No.1 Grade Southern Yellow Pine (SYP).

⁵Allowable capacities are for seismic and wind design; for seismic design, see Section 4.2.2.2.

⁶Shear wall anchorage is outside the scope of this report.

⁷Capacities are based on testing in accordance with ASTM E72 and represent the ultimate capacity divided by a Factor of Safety of 3.

Table 4—Physical Property Tests for Securock® Ultralight Glass-Mat Sheathing Firecode® X And Securock® Brand Ultralight Glass-Mat Sheathing⁶

Physical Property Test	5/8-inch (15.9 mm) Securock® Brand Ultralight Glass-Mat Sheathing Firecode®X	1/2-inch (12.7 mm) Securock® Brand Ultralight Glass-Mat Sheathing
Flexural Strength – ASTM C473 (Minimum Breaking Load)		
Edge Perpendicular	140 lbf	100 lbf
Edge Parallel	100 lbf	80 lbf
Hardness (ASTM C473)		
Minimum Core Test	15 lbf	15 lbf
Minimum End Test	15 lbf	15 lbf
Minimum Edge Test	15 lbf	15 lbf
Nail Pull Resistance – Method B (ASTM C473)		
Minimum Average Resistance	90 lbf	80 lbf
Water Resistance (ASTM C473)		
Water Absorption (% by weight)	10% max	10% max
Surface-burning Characteristics (ASTM E84)		
Flame-Spread Index	0	0
Smoke-developed Index	0	0
Non-combustibility (ASTM E136)		
Non-combustible	Pass	Pass
Water Vapor Transmission (ASTM E96 – Procedure A)		
Average Permeance	28.6	34.4
Air Permeance (ASTM E2178)		
Air permeability	0.01 L/s x m ²	0.01 L/s x m ²

For SI: 1 inch = 25.4 mm; 1 pound = 4.45 N

ICC-ES Evaluation Report

ESR-3044 CA Supplement

w/ DSA and OSHPD

Reissued April 2025

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DIVISION: 09 00 00—FINISHES

Section: 09 29 00—Gypsum Board

REPORT HOLDER:

USG CORPORATION

EVALUATION SUBJECT:

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

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that SECUROCK® Glass-Mat Sheathing FIRECODE® X, SECUROCK® Glass-Mat Sheathing, SECUROCK® ULTRALIGHT Glass-Mat Sheathing FIRECODE® X, and SECUROCK® ULTRALIGHT Glass-MAT Sheathing, described in ICC-ES evaluation report [ESR-3044](#), have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2025 and 2022 California Building Code® (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) AKA: California Department of Health Care Access and Information (HCAI) and the Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

- 2025 and 2022 California Residential Code® (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The SECUROCK® Glass-Mat Sheathing FIRECODE® X, SECUROCK® Glass-Mat Sheathing, SECUROCK® ULTRALIGHT Glass-Mat Sheathing FIRECODE® X, and SECUROCK® ULTRALIGHT Glass-MAT Sheathing, described in Sections 2.0 through 7.0 of the evaluation report [ESR-3044](#), comply with CBC Chapters 7, 23, and 25, provided the design and installation are in accordance with the 2024 and 2021 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 7, 23, and 25, as applicable.

The products have not been evaluated under Chapter 7A for use in the exterior design and construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or any Wildland–Urban Interface Fire Area.

2.1.1 OSHPD: The USG Sheathing Panels, described in 2.0 through 7.0 of the evaluation report [ESR-3044](#), comply with CBC Chapters 7, 23 and 25, and applicable amendments, provided the design and installation are in accordance with the 2024 and 2021 *International Building Code*® (IBC) provisions noted in the evaluation report, and the additional requirements in Sections 2.1.1.1 and 2.1.1.2 of this supplement.

2.1.1.1 Conditions of Use

1. All loads applied shall be determined by a registered structural engineer and shall comply with applicable loads from CBC Chapter 16 and its amendments and Chapter 16A.
2. Gypsum-based sheathing shear walls shall not be permitted in accordance with 2025 CBC Section 2301.1.5 Item 2 (2022 CBC 2301.1.4 Item 2) and 2505.3 [OSHPD 1, 1R, 2, 4 & 5]

3. Design and installation shall comply with the requirements of OSHPD Preapproved Details (OPD) OPD-0003-13.
4. Design and installation shall comply with the requirements of CBC Section 2504.2 [OSHPD 1, 1R, 2, 4 & 5]

2.1.1.2 Special Inspection Requirements:

1. Periodic special inspection I required in accordance with Section 1705A.13.5 of the CBC [OSHPD 1 & 4].
2. Where gypsum sheathing is used in suspended ceiling installations, additional inspection shall be in accordance with CBC Section 2503.2 [OSHPD 1, 1R, 2, 4 & 5].

2.1.2 DSA: The USG Sheathing Panels, described in 2.0 through 7.0 of the evaluation report [ESR-3044](#), comply with CBC Chapters 7, 23 and 25, with applicable amendments, provided the design and installation are in accordance with the 2024 and 2021 *International Building Code*® (IBC) provisions noted in the evaluation report, and the additional requirements in Sections 2.1.2.1 and 2.1.2.2 of this supplement.

2.1.2.1 Conditions of Use:

1. All loads applied shall be determined by a registered structural engineer and shall comply with applicable loads from CBC Chapter 16 and its amendments and Chapter 16A.
2. Gypsum-based sheathing shear walls shall not be permitted in accordance with 2025 CBC Section 2301.1.5 Item 2 (2022 CBC Section 2301.1.4 Item 2) and 2505.3 [DSA-SS & DSA-SS/CC]
3. Design and installation shall comply with the requirements of DSA Interpretation of Regulations (IR) DSA IR 25-3.13.
4. Design and installation shall comply with the requirements of CBC Section 2504.2 [DSA-SS, DSA-SS/CC]

2.1.2.2 Special Inspection Requirements:

1. Periodic special inspection is required, in accordance with Section 1705A.13.5 of the CBC [DSA-SS & DSA-SS/CC].
2. Where gypsum sheathing is used in suspended ceiling installations, additional inspection shall be in accordance with CBC Section 2503.2 [DSA-SS, DSA-SS/CC].

2.2 CRC:

The SECUROCK® Glass-Mat Sheathing FIRECODE® X, SECUROCK® Glass-Mat Sheathing, SECUROCK® ULTRALIGHT Glass-Mat Sheathing FIRECODE® X, and SECUROCK® ULTRALIGHT Glass-MAT Sheathing, described in Sections 2.0 through 7.0 of the evaluation report [ESR-3044](#), complies with CRC Chapters 6 and 7, provided the design and installation are in accordance with the 2024 and 2021 *International Residential Code*® (IRC) provisions noted in the evaluation report.

The products have not been evaluated under CRC Section R337 for use in the exterior design and construction of new buildings located in a Fire Hazard Severity Zone within State Responsibility Areas or any Wildland–Urban Interface Fire Area.

The products recognized in this supplement have not been evaluated for compliance with the *International Wildland–Urban Interface Code*®.

This supplement expires concurrently with the evaluation report, reissued April 2025 and revised July 2025.

ICC-ES Evaluation Report

ESR-3044 FL Supplement

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DIVISION: 09 00 00—FINISHES

Section: 09 29 00—Gypsum Board

REPORT HOLDER:

USG CORPORATION

EVALUATION SUBJECT:

USG ⁵/₈-INCH (15.9 mm) SECUROCK® BRAND ULTRALIGHT GLASS-MAT SHEATHING FIRECODE®X AND USG ¹/₂-INCH (12.7 mm) SECUROCK® BRAND ULTRALIGHT GLASS-MAT SHEATHING

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X and Securock® Brand Ultralight Glass-Mat Sheathing, described in ICC-ES evaluation report [ESR-3044](#), have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2023 Florida Building Code—Building
- 2023 Florida Building Code—Residential

2.0 CONCLUSIONS

The Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X and Securock® Brand Ultralight Glass-Mat Sheathing, described in Sections 2.0 through 7.0 of ICC-ES evaluation report [ESR-3044](#), comply with the *Florida Building Code—Building* and *Florida Building Code—Residential*. The design requirements must be determined in accordance with the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable. The installation requirements noted in ICC-ES evaluation report [ESR-3044](#) for the 2021 *International Building Code*® meet the requirements of the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable, with the following conditions.

- Interior wall and ceiling finish materials shall be classified for fire performance and smoke development in accordance with Section 803.1 of the *Florida Building Code—Building*.
- Buildings, structures and parts thereof shall be designed to withstand the minimum wind loads in accordance with Section 1609 of the *Florida Building Code—Building*.

Use of the Securock® Brand Ultralight Glass-Mat Sheathing Firecode® X and Securock® Brand Ultralight Glass-Mat Sheathing for compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* or the *Florida Building Code—Residential* has not been evaluated, and is outside the scope of this supplemental report.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission). Florida Rule 61G20-3 is applicable to products and/or systems which comprise the building envelope and structural frame for compliance with the structural requirements of the Florida Building Code

This supplement expires concurrently with the evaluation report, reissued April 2025 and revised July 2025.