



USG SECUROCK® BRAND ULTRALIGHT COATED GLASS-MAT ROOF BOARD

Enhance the durability of the entire roofing system with USG Securock® Brand UltraLight Coated Glass-Mat Roof Board, a high-performance roof board for low-slope commercial roofing systems.

- An 18% lighter* core than competitive glass-mat products makes installation easier and more efficient.
- High-quality tight mat makes for smoother cutting and handling and less skin irritation.
- Uniquely designed core and high-performance glass-mat facer offers superior protection against fire, mold, and moisture.
- Outstanding functionality in mechanically-attached and cold-applied adhesive applications, providing protection from hail and foot traffic.
- Fire-resistant for use as fire barrier and thermal barrier, meeting Factory Mutual Class 1 and Underwriters Laboratories UL 790 Class A fire rating.

**Lightweight applies to 1/2" and 5/8" thickness only.*

PHYSICAL PROPERTIES

Description	1/4" (6.3 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)
Width, standard	4' (1,219 mm)	4' (1,219 mm)	4' (1,219 mm)
Length, standard	4' (1,219 mm) and 8' (2,438 mm)	4' (1,219 mm) and 8' (2,438 mm)	4' (1,219 mm) and 8' (2,438 mm)
Pieces per unit for 4' x 8' sheet	42	30	30
Weight, nominal lb./unit 4' x 8'	1,613	1,632	2,112
Weight, nominal lb./sq.ft.	1.2	1.7	2.2
Flexural strength, parallel, lb. min. per ASTM C473	40	80	100
Compressive strength, psi nominal	700-1,000 (4.8MPa-6.9MPa)	700-1,000 (4.8MPa-6.9MPa)	700-1,000 (4.8MPa-6.9MPa)
Flute spannability per ASTM E661	2-5/8"	5"	8"
Permeance, perms per ASTM E96	18	18	16
R Value per ASTM C518	0.36	0.53	0.54
Coefficient of thermal expansion, inches/inch °F, per ASTM E831	8.5 x 10 ⁻⁶	8.5 x 10 ⁻⁶	8.5 x 10 ⁻⁶
Linear variation with change in moisture, inches/inch %RH, per ASTM D1037	6.3 x 10 ⁻⁶	6.3 x 10 ⁻⁶	6.3 x 10 ⁻⁶
Water absorption, % max, per ASTM C473	10	10	10
Mold resistance per ASTM D3273*	10	10	10
Bending radius	4'	6'	9'

***ASTM D3273 Mold Resistance Testing:** In independent lab tests conducted on USG Securock Brand Gypsum-Fiber Roof Board and USG Securock Brand UltraLight Coated Glass-Mat Roof Board at the time of manufacture per ASTM D3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber, both panels scored a 10. The ASTM lab test may not accurately represent the mold performance of building materials in actual use. Given unsuitable project conditions during storage, installation or after completion, any building material can be overwhelmed by mold. To manage the growth of mold, the best and most cost-effective strategy is to protect building products from water exposure during storage and installation and after completion of the building. This can be accomplished by using good design and construction practices.

FM 1-90 RATINGS

Description	Fasteners per 4' x 8' Board
1/4" USG Securock Brand UltraLight Coated Glass-Mat Roof Board	10
1/2" USG Securock Brand UltraLight Coated Glass-Mat Roof Board	8
5/8" USG Securock Brand UltraLight Coated Glass-Mat Roof Board	8

PRODUCT SELECTION

USG Securock Brand UltraLight Coated Glass-Mat Roof Board provides a great choice in the USG high-performance roof board portfolio.

Applications	USG Securock Brand Gypsum-Fiber Roof Board	USG Securock Brand UltraLight Coated Glass-Mat Roof Board	USG Securock Brand Cement Roof Board	USG Securock Brand UltraLight Glass-Mat Roof Board
Single ply mechanically attached	✓	✓	✓	✓
Single ply fully adhered	✓*	✓	✓*	—
Low rise foam adhesive	✓	✓	✓	—
Modified Bitumen torch applied	✓*	—	✓*	—
Modified Bitumen cold applied	✓*	✓	✓*	—
Modified Bitumen hot mopped	✓*	—	✓*	—
Built-up roof	✓	—	✓	—
Self adhered	✓	✓	✓	—
Spray foam	✓	✓	✓	—
Thermal barrier	✓	✓	✓	✓
Fire barrier	✓	✓	✓	✓
Vapor barrier substrate	✓	✓	✓	✓

*For fully adhered fiberglass reinforced membranes consult the membrane manufacturer.

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Manufactured by or for
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PRODUCT INFORMATION
See usg.com for the most up-to-date product information.

TRADEMARKS

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CAUTION

Dust may cause irritation to eyes, skin, nose, throat, and upper respiratory tract. Cut and trim with a utility knife or hand saw to minimize dust levels. Power tools must be equipped with a dust collection system. Wear eye, skin, and respiratory protection if necessary. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call physician. Do not swallow. If swallowed, call physician. For more information call Product Safety: 800 507-8899 or see the SDS at usg.com
KEEP OUT OF REACH OF CHILDREN.

NOTICE

We shall not be liable for incidental or consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

SAFETY FIRST!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.