



NEMO|etc.

Certificate of Authorization #32455
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ENGINEER

EVALUATE

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

United States Gypsum Company

125 South Franklin Street
Chicago, IL 60606
(847) 970-5232

PEER-USG-001.A.R10

FL4264-R9

Date of Issuance: 04/26/2005

Revision 10: 11/20/2023

SCOPE:

This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The products described herein have been evaluated for compliance with the **8th Edition (2023) Florida Building Code** [sections noted herein](#).

DESCRIPTION: SECUROCK® Roof Boards

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance, or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

ADVERTISEMENT: The Florida Product Approval Number (FL#) preceded by the words "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.

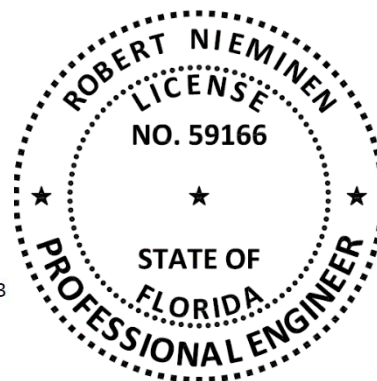
INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 3.

Prepared by:

**Digitally signed by
Robert Nieminen
Date: 2023.11.20
'15:30:57 -05'00**

This item has been digitally signed and sealed by Robert Nieminen, P.E.
Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.
Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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ROOFING COMPONENT EVALUATION:
1. SCOPE:

Product Category: Roofing

Sub-Category: Insulation

Product Approval Method: Method 1, Option D: Codified Material, Evaluation by Engineer

Compliance Statement: SECUROCK® Roof Boards, as produced by **United States Gypsum Company**, have demonstrated compliance with the following sections of the **8th Edition (2023) Florida Building Code** through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

2. STANDARDS:

SECTION	PROPERTY	STANDARD
T1508.2, T2506.2	Physical Properties	ASTM C1278
T1508.2, T2506.2, TAS 110	Physical Properties	ASTM C1177
T2509.2, TAS 110	Physical Properties	ASTM C1325

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
ERD (TST6049)	ASTM C1278	USG-SC9355.09.15	09/28/2015
ERD (TST6049)	ASTM C1177	USG-SC14495.08.17.R1	07/28/2017
NEMO (TST6049)	ASTM C1177	USG-SC13425.04.17.R2	04/21/2017
NEMO (TST6049)	ASTM C1177	4n-USG-20-SSINCB-01.A.R1	03/01/2021
PEI (TST4205)	ASTM C1325	2019-6253	10/04/2020
PEI (TST4025)	ASTM C1325	2020-6253	06/01/2021
FM Approvals (QUA1860)	Quality Control	Inspection Report (OH)	08/10/2023
FM Approvals (QUA1860)	Quality Control	Inspection Report (MI)	08/01/2023
FM Approvals (QUA1860)	Quality Control	Inspection Report (TX)	07/12/2023
FM Approvals (QUA1860)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

- 4.1 The following roof insulations are mechanically attached or adhered to approved substrates using fasteners, stress plates and adhesives, as outlined in the Roof System [Florida Product Approval](#) or [Miami-Dade NOA](#).

TABLE 1: EVALUATED INSULATION PRODUCTS				
Product	Material Standard	Dimensional Offering		Plants
		Thick (in)	Dimensions (ft)	
SECUROCK® Gypsum-Fiber Roof Board	ASTM C1278	1/4, 3/8, 1/2 and 5/8	4x4 or 4x8	Gypsum, OH
SECUROCK® Ultralight Glass-Mat Roof Board	ASTM C1177	1/4, 1/2 and 5/8	4x4 or 4x8	Sweetwater, TX
SECUROCK® Ultralight Coated Glass-Mat Roof Board	ASTM C1177	1/4, 1/2 and 5/8	4x4 or 4x8	Sweetwater, TX
SECUROCK® Cement Roof Board	ASTM C1325	1/2	4x4 or 4x8	River Rouge, MI Baltimore, MD

5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER does not include evaluation of wind resistance or fire classification.
- 5.2.1 Refer to roof system [Florida Product Approval](#) or [Miami-Dade NOA](#) for uplift resistance.
- 5.2.2 Refer to **FBC 1505 and 1516** for requirements and limitations regarding roof assembly fire classification. Refer to **FBC 2603** for requirements and limitations concerning the use of foam plastic insulation.
- 5.2.3 If **SECUROCK® Roof Boards** is not listed in the roof system [Florida Product Approval](#) or [Miami-Dade NOA](#), a request may be made to the Authority Having Jurisdiction for local-approval provided that wind resistance data (**FBC 1504.3.1, TAS 114**), external fire classification data (**FBC 1505, FBC 1516**) and internal fire resistance data (**NFPA 276 or UL1256 per FBC 1508.1 and FBC 2603.4.1.5**), as applicable, is provided specifically with the subject roof cover.
- 5.3 All products in the roof assembly shall have quality assurance in accordance with F.A.C. [Rule 61G20-3](#).

6. INSTALLATION:

SECUROCK® Roof Boards shall be installed in accordance with **United States Gypsum Company** published installation instructions, coupled with attachment requirements set forth in roof system [Florida Product Approval](#) or [Miami-Dade NOA](#) (for wind resistance) and fire classification listings.

7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction in order to properly evaluate the installation of this product.

8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by F.A.C. [Rule 61G20-3](#) QA requirements. Refer to [Section 4 herein](#) for product and production locations having met codified material standards.

9. QUALITY ASSURANCE ENTITY:

FM Approvals – QUA 1860; (781) 255-4725; Joanna.blaney@fmglobal.com

- END OF PEER -