



# NEMO EVALUATIONS REPORT

Report No.: NER-KBG-001  
Revision 0: 2025-06-09  
Page 1 of 3

Kelly Green Board, LLC  
FL13337

**Nemo|cert.**  
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INSPECT

CERTIFY

EVALUATE

VALIDATE

QUALIFY

## NEMO EVALUATION REPORT (NER)



KELLY GREEN PRODUCTS

**Kelly Green Board, LLC**  
P.O. Box 2583  
Waterbury, CT 06723  
**(203) 575-9220**

**SUBJECT:** Kelly Green Boards

**SCOPE:** This NEMO Evaluation Report (henceforth 'NER') is issued under F.A.C. [Rule 61G20-3](#) and the applicable rules and regulations governing Product Approval of construction materials in the State of Florida and ISO/IEC 17065 via [NEMO|cert.](#) NEMO Evaluations has evaluated the product described herein for compliance with the [Code sections noted herein](#).

**CODE:** 2023 Florida Building Code, 8<sup>th</sup> Edition

**JURISDICTION:** Non-HVHZ and HVHZ

**CATEGORY:** **FBC:** Roofing **NEMO:** Insulation

**SUB-CATEGORY:** **FBC:** Insulation

**CSI DIVISION:** 07 00 00 Thermal and Moisture Protection  
07 22 16 Roof Board Insulation

**METHOD:** Method 2, Option A – Non-Codified Material, Evaluation by Evaluation Entity

**COMPLIANCE STATEMENT:** Kelly Green Boards, as produced by Kelly Green Board, LLC, have demonstrated compliance with the [Code sections noted herein](#) through testing in accordance with the referenced Standards, rational analysis and an ongoing quality assurance program. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

**QUALITY ASSURANCE:** Evidence of current quality assurance shall be listing and labeling in accordance with the requirements of [NEMO|cert.](#)

**CONTINUED COMPLIANCE:** This NER is valid until such time the named product(s) change, the referenced Quality Assurance changes, or the evaluated Code provisions change. NEMO Evaluations require, at minimum, a complete review of this NER with each 3-year Code Cycle.

**BUILDING PERMIT REQUIREMENTS:** As required by the Building Official or Authority Having Jurisdiction to evaluate the installation of this product.

**ADVERTISEMENT:** "NEMO Evaluated" may be displayed in advertising literature. If any portion of the NER is displayed, it shall be displayed in its entirety.

**CERTIFICATION OF INDEPENDENCE:**

- ✓ NEMO CERT, 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.
- ✓ NEMO CERT, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
- ✓ This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance.





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 Revision 0: 2025-06-09  
 Page 2 of 3

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## 1. CODES, PROPERTIES AND STANDARDS:

CODE	SECTION	PROPERTY	STANDARD
2023 Florida Building Code, 8 <sup>th</sup> Edition	104.11	Alternative materials provision	N/A
	1508.1	Physical Properties	Various
	1520.1, TAS 110.8	Physical Properties	Various

## 2. PRODUCTS:

TABLE 1A: EVALUATED COMPONENTS (NEMO Certified. Consult <a href="#">Directory of Certified Products</a> for production location(s))				
PRODUCT	MATERIAL STANDARD	DIMENSIONAL OFFERING		DESCRIPTION
		THICKNESS (IN)	DIMENSIONS (FT)	
Kelly Green Board	VPA 25-0002	1/2	4x4 or 4x8	100% recycled composite that is a water, vapor, and air barrier fire resistant board.

TABLE 1B: TYPICAL NOMINAL PROPERTIES					
PRODUCT	PROPERTY			TEST STANDARD	RESULT
Kelly Green Board	Board Weight, lb/ft <sup>2</sup>			ASTM C303	1.97
	Flexural Strength (both directions)		MD	ASTM C203, Method 1, Procedure B	84
			XMD		81
	Compressive Strength			ASTM C165, Procedure A	1148
	Mold Resistance			ASTM D3273	10/10
	Water Resistance			ASTM C473	9
	Humidified Deflection			ASTM C473	1.125
	Flute Span (per thickness)	Span, in.	2 5/8	ASTM E661	0.15
			5		0.12
	Flame Spread Index / Smoke Density Index			ASTM E84	45
	Rate of Burning (Class C1 or C2)			ASTM D635	0.0
	Rupture (pull-through) resistance			ANSI/SPRI/FM BPT-1 (12x12-inch)	494
	Thermal Resistance			ASTM C518	<1
Impact Resistance			UL2218	Pass	



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Report No.: NER-KGB-001  
Revision 0: 2025-06-09  
Page 3 of 3

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### 3. INSTALLATION:

- 3.1 **Kelly Green Boards** shall be installed in accordance with **Kelly Green Board, LLC** published installation instructions, coupled with attachment requirements set forth in the roof system [Florida Product Approval](#) or [Miami-Dade NOA](#) (for wind resistance).
- 3.2 The report holder's installation instructions shall be made available at the jobsite at all times during installation.

### 4. LIMITATIONS OF USE:

#### 4.1 **General:**

- 4.1.1 This is a building code evaluation. NEMO CERT, LLC is not, in any way, the Designer of Record for any project on which this NER, or previous versions thereof, is/was used for permitting or design guidance. NERs are not to be construed as representing any attributes not specifically listed, nor are NERs to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by NEMO CERT, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.
- 4.2 This NER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with the applicable Code requirements to the satisfaction of the Authority Having Jurisdiction.
- 4.3 This NER does not include evaluation of wind resistance or fire classification.
- 4.3.1 Refer to roof system [Florida Product Approval](#) or [Miami-Dade NOA](#) for uplift resistance.
- 4.3.2 Refer to FBC 1505 or 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.
- 4.3.3 If **Kelly Green Boards** are 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 or FBC HVHZ 1523.6.2), external fire classification data (FBC 1505 or FBC HVHZ 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.
- 4.5 **Kelly Green Boards** are components for use in Approved and existing roof assemblies. The components noted herein are not purported to be Roofing Systems, and their use shall be governed by and limited to applications where Roof System Product Approval is not necessary (e.g., flashings and accessories) or where the components are called out in a Roof System Product Approval.
- 4.6 The existing roof system and/or substrate shall meet wind uplift requirements of the project to the satisfaction of the Authority Having Jurisdiction.
- 4.7 All components in the roof assembly shall have quality assurance surveillance in accordance with F.A.C. Rule [61G20-3](#).

- END OF NER -