

EVALUATION REPORT

11/20/2023

FBC No.: FL 12671
Code: Florida Building Code 2023
Product Category: Roofing
Product Sub-Category: Other
Product Name: Roof panel, foam with aluminum skin
Manufacturer: TEMO Sunrooms, Inc.
20400 Hall Rd.
Clinton Twp., MI 48038

1. This is an evaluation report issued by Luay Esho, P.E., based on Rule Chapter No. 9B-72.070, method 1(d) Product Approval, Florida Building Commission, Department of Community Affairs. These 3", 4 1/4", and 6" roof panels have been evaluated and found to be in compliance with the code to use in locations adhering to Florida Building Code 2023.

Re-evaluation of this evaluation report is required, following any code changes, to maintain its validity.



Luay S. Esho, P.E.
Florida License No. 69536



This item has been electronically signed and sealed by Luay S. Esho PE using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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2. SUPPORTING DOCUMENTS

- 2.1 Drawing sheet titled, “TEMO 1-1” sheet 1 of 1. Allowable span tables prepared by Luay Esho, P.E.
- 2.2 Testing Reports
 - Architectural Testing Report: No. 89505.01-119-16
Revision 1: 4/20/09
Test report to meet the requirements of Section 1709.3.1 of the 2023 Florida Building Code.
 - Architectural Testing Report: No. 59531.01-602-18
Report date: 9/29/05
Test report for uniform static air pressure in accordance with TAS 202, impact test procedures in accordance with TAS 201, and cyclic wind pressure loading in accordance with TAS 203.
- 2.3 Structural Calculation
Rational and comparative analyses of roof panel’s performance based on the tests listed above, conducted by Luay Esho, P.E.

3. LIMITATIONS AND CONDITIONS

- 3.1 Roof panels should be installed according to the drawing sheet no. TEMO 1-1.
- 3.2 TEMO, Inc. roof panels shall be constructed using 3005-H25 aluminum skin with 2 PCF EPS Foam. Adhere together using Ashland chemical 3030D, to be fabricated by TEMO, Inc.
- 3.3 The specification and engineering have been designed and fabricated in accordance with Florida Building Code 2023.
- 3.4 Deflection limits and allowable spans have been designed to meet Florida Building Code including HVHZ. $L/80$ for spans $\leq 12''$ and $L/180$ for spans $> 12''$.
- 3.5 All supporting structures shall be designed to resist the additional load.
- 3.6 These panels have passed the Impact Test in accordance with TAS 201.
- 3.7 All components installed shall be protected against corrosion.
- 3.8 Allowable panel spans shall not exceed the spans listed in the tables of the drawing attached.

4. FINANCIAL INTERESTS

- 4.1 This Florida Professional Engineer does not have, nor does he intend to acquire, a financial interest in any company manufacturing or distributing products tested or labeled by the agency.
- 4.2 This professional engineer performing an evaluation does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.