Claddtech Engineering, LLC
Acworth, GA 30101
Phone: (770) 656-9923
www.claddtechengineering.com

CLADDTECH ENGINEERING

FL Certificate of Authority No. 32444

Product Evaluation Report	**Approval Number:**	**47740**
	Date:	**August 22, 2025**

Product Category	**Panel Walls**
Sub-Category	**Siding**
Manufacturer	**CEI COMPOSITE MATERIALS, LLC** **800 E. Duncan Street** **Manchester, MI 48158**
Product Name	**HVHZ 3mm Aluminum Plate Panel System**
Impact Rating	**Large Missile (Level D) & Small Missile Impact Rated**

Performance:

Design Wind Pressure:	Positive:	+ 120 psf
	Negative:	- 120 psf
Impact Rating:	Non-Impact Rated	

Compliance: This product evaluation is limited to compliance with the structural requirements of 2023 Florida Building Code (8th Edition), as related to the scope section to Florida Product Approval Rule 61G20-3.001.

Limitations:

- This product has been evaluated and is in compliance with the 2023 Florida Building Code (FBC) – 8th Edition structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- This product meets and conforms to all portions or section 1407 Metal Composite Materials (MCM) in the 2023 FBC – 8th Edition.
- This product is rated for use in the HVHZ.
- This product has been evaluated for wind borne debris protection.
- Site conditions that deviate from the details of drawings "HVHZ 3mm Aluminum Plate Panel System" require further engineering analysis by a licensed engineer or registered architect.
- The wall panels are shown (as tested) attached to 600S162-43 cold-formed steel framing members with a maximum center-to-center spacing of 16 inches. The stud members are assumed to be part of the support structure and shall be designed by the architect or engineer of record and submitted to the permitting jurisdiction for review and approval.
- The wall panels may also be attached directly to other substrate materials as specified by the architect or engineer of record.
- The wall panels shall not be used to resist diaphragm forces. Supplemental lateral bracing is required.
- The wall panels shall not be used to resist any axial forces other than self-weight. Supplemental vertical support for floor and roof systems is required.

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Limitations: (Continued)

- Minimum Panel thickness of 0,157" (4 mm) with an aluminum skin thickness of 0.020" (0.5mm) of aluminum alloy 3003-H14 (Fu = 20 ksi, Fy = 17 ksi) or greater.

Supporting Documents:

Reference Test Reports:

Test Report Number	Test Standards	Testing Laboratory	Signed By
S3453.01-109-18	TAS 201-94	Intertek	Tanya A. Dolby, PE – Intertek Engineering Manager Jason R. Zeller – Intertek Technician Product Testing
S3453.01-109-18	TAS 202-94	Intertek	Tanya A. Dolby, PE – Intertek Engineering Manager Jason R. Zeller – Intertek Technician Product Testing
S3453.01-109-18	TAS 203-94	Intertek	Tanya A. Dolby, PE – Intertek Engineering Manager Jason R. Zeller – Intertek Technician Product Testing

Reference Installation Drawings:

Drawing Name	Signed By:
HVHZ R4000 Composite Panel System	Tyler D. Bruton, PE

Certification of Independence:
Please note that I do not have, nor will acquire, a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I do not have, nor will acquire, a financial interest in any other entity involved in the approval process of the listed product(s).

TYLER DOUGLAS BRUTON
LICENSE
No 78595
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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