

Product Evaluation Report

Approval Number:

40779.1

Date:

July 19, 2024

Product Category	Panel Walls
Sub-Category	Siding
Manufacturer	C.E.I Materials, LLC 800 East Duncan Street Manchester, MI 48158
Product Name	CLADLOK Modular Plate Panel System Formed Aluminum Metal Panel Wall Cladding System
Impact Rating	Non-Impact Rating

Performance:

Design Wind Pressure:

Positive: +80.2 psf

Negative: -80.2 psf

Impact Rating:

Non-Impact Rated

Compliance:

This product evaluation is limited to compliance with the structural requirements of the 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 not including the "High Velocity Hurricane Zone" (HVHZ).
- This product has been evaluated for structural performance only. The air and water infiltration through the wall assembly is NOT part of this evaluation report.
- This product is not rated for use in the HVHZ.
- This product has not been evaluated for wind borne debris protection.
- Site conditions that deviate from the details of drawings "Florida Building Code Compliance CLADLOK Modular Plate Panel System" require further engineering analysis by a licensed engineer or registered architect.
- The wall panels are shown (as tested) attached to 2" x 6" spruce-pine-fur No. 2 grade sawn lumber members at a maximum center-to-center spacing of 8 inches. The wood 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.
- Minimum Panel thickness of 0.080" of aluminum alloy 3003-H14 ($F_{tu} = 20$ ksi, $F_{ty} = 17$ ksi) or greater.

Supporting Documents:

Reference Test Reports:

Test Report Number	Test Standards	Testing Laboratory	Signed By
D6957.05-602-44	ASTM E 330-14	Intertek ATI	Jeffrey M. Zibton – Intertek ATI Project Manager John R. Bordagaray – Intertek ATI Director

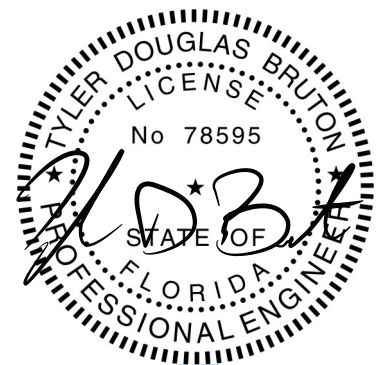
Reference Installation Drawings:

Drawing Name	Signed By:
CLADLOK Modular Plate Panel System	Tyler D. Bruton, PE

This product is in compliance with Florida Building Code section 1404 addressing exterior wall materials as well as 1404.5.1 addressing the requirements for exterior walls utilizing aluminum siding. The panel system conforms with all the requirements of these sections and is suitable for use in exterior wall assemblies.

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).



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