

Evaluation Report "BOARD AND BATTEN" Metal Wall Panel Assembly

Manufacturer

Englert, Inc.

1200 Amboy Avenue
Perth Amboy, NJ 08862
(732) 826-8614

for

Florida Product Approval

FL 47597.1 R1

Florida Building Code 9th Edition (2026)

Method: 2 - B

Category: Panel Walls

Sub - Category: Siding

Product: "BOARD AND BATTEN" Wall Panel

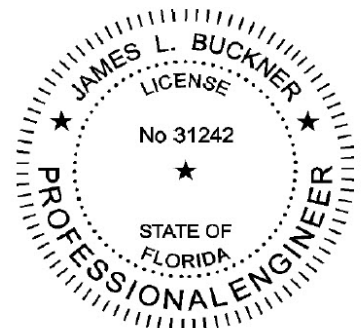
Material: Steel or Aluminum

Support: Wood Sheathing

Prepared by:

James L. Buckner, P.E., S.E.C.B.
Florida Professional Engineer # 31242
Florida Evaluation ANE ID: 1916
Project Manager: Diana Galloway
Report No. 26-805-BB-ER
(Revises Report No. 25-754-BB-ER, FL47597.1 R0)
Date: 08/12/2026

This item has been digitally signed and sealed by James L. Buckner, P.E., on this date below. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.



James L. Buckner, P.E.
FL31242

A handwritten signature in black ink, appearing to read "James L. Buckner".

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Evaluation Report

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CBUCK, Inc. dba CBUCK Engineering

Phone: (561) 491-9927 · Email: cbuck@cbuckinc.net · Website: www.cbuckinc.net

Business: 1374 Community Dr., Jupiter, FL 33458

Manufacturer:	Englert, Inc. 1200 Amboy Avenue Perth Amboy, NJ 08862 (732) 826-8614 http://www.englertinc.com/
Product Name:	"BOARD AND BATTEN" Wall/Soffit Panel
Product Category:	Panel Walls
Product Sub-Category	Siding
Compliance Method:	State Product Approval Rule 61G20-3.005 (2) (b)
Product/System Description:	"BOARD AND BATTEN", 3/4" deep, 16" wide Wall panel attached to plywood sheathing with screws. Panel interlocks consist of a sliding seam.
Product Assembly as Evaluated:	Refer to Page 4 of this report for product assembly components/materials & standards: 1. Wall Panel 2. Fasteners
Support:	Type: Wood Sheathing (Design of support and its attachment to support framing is outside the scope of this evaluation.) Description: 15/32" or greater plywood
Performance:	Wind Resistance: Design Pressure: (Refer to "Table A" attachment details herein)

Refer to Table "A"

Performance Standards:	The product described herein has demonstrated compliance with: • ASTM E330M – Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
Code Compliance:	The product(s) described herein have demonstrated compliance with the performance standards listed above and complies with: Florida Building Code 9th Edition (2026), Section 1708.2
Evaluation Report Scope:	This product evaluation is limited to compliance with the structural requirements of the Florida Building Code, as related to the scope section to Florida Product Approval Rule 61G20-3.001.
Limitations and Conditions of Use:	<u>Scope of “Limitations and Conditions of Use” for this evaluation:</u> This evaluation report for “Optional Statewide Approval” contains technical documentation, specifications and installation method(s) which include “Limitations and Conditions of Use” throughout the report in accordance with Rule 61G20-3.005. Per Rule 61G20-3.004, the Florida Building Commission is the authority to approve products under “Optional Statewide Approval”. • This report is a building code product evaluation per FLPE rule (FAC) 61G15-36 to comply with Florida product approval rule (FAC) 61G20-3. This evaluation report is part of the Florida Building Commission approval for the listed code related criteria. This report by James Buckner, P.E. and CBUCK Engineering is not a design certification of code compliance construction submittal documentation, per FBC section 107, for any individual structure, site specific or permit design. • Design of support system is outside the scope of this report. Deck shall be in compliance with applicable building code. • All metal components and fasteners shall be corrosion resistant in accordance with applicable sections of FBC. Installations located within 3000 feet of a saltwater coastline shall comply with Section 1711. • Fire Classification is outside the scope of Rule 61G20-3 and is therefore not included in this evaluation. • This evaluation report does not evaluate the use of this product for use in the High Velocity Hurricane Zone code section. (Dade & Broward Counties) <u>Option for application outside “Limitations and Conditions of Use”</u> Rule 61G20-3.005(1)(e) allows engineering analysis for “project specific approval by the local authorities having jurisdiction in accordance with the alternate methods and materials authorized in the Code”. Any modification of the product as evaluated in this report and approved by the Florida Building Commission is outside the scope of this evaluation and will be the responsibility of others.
Quality Assurance:	The manufacturer has demonstrated compliance of Wall/Soffit panel products in accordance with the Florida Building Code and Rule 61G20-3.0005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity through Keystone Certifications, Inc. (FBC Organization ID# QUA 1824).

**Components/Materials
(by Manufacturer):**

Wall Panel: "BOARD AND BATTEN"
Material: Steel or Aluminum per Table A
Thickness: Per Table A
Panel Width: 16" (max.) Coverage
Rib Height: 3/4"
Steel Specification: ASTM A370-10
Alum Specification: ASTM B 557-10
Corrosion Resistance: Per FBC Section 1405.2

Fasteners:

FASTENER 1: Panel to Support
Type: Pancake-Head Screw
Size: #10 – 13 x 1"
Corrosion Resistance: Per FBC Section 1405.17
Standard: SAE J78-1979

Installation:

Installation Method:

(Refer to "TABLE A" below and drawings at the end of this report.)

- Fastener Spacing: Refer to "TABLE A" Below
- One (1) fastener at slotted nail strip per below.
- Rib Interlock: Sliding Seam Interlock
- Minimum fastener penetration thru bottom of support, 3/4".
(through flange of steel supports)
- For panel construction at the end of panels, refer to manufacturer's instructions and any site specific design.

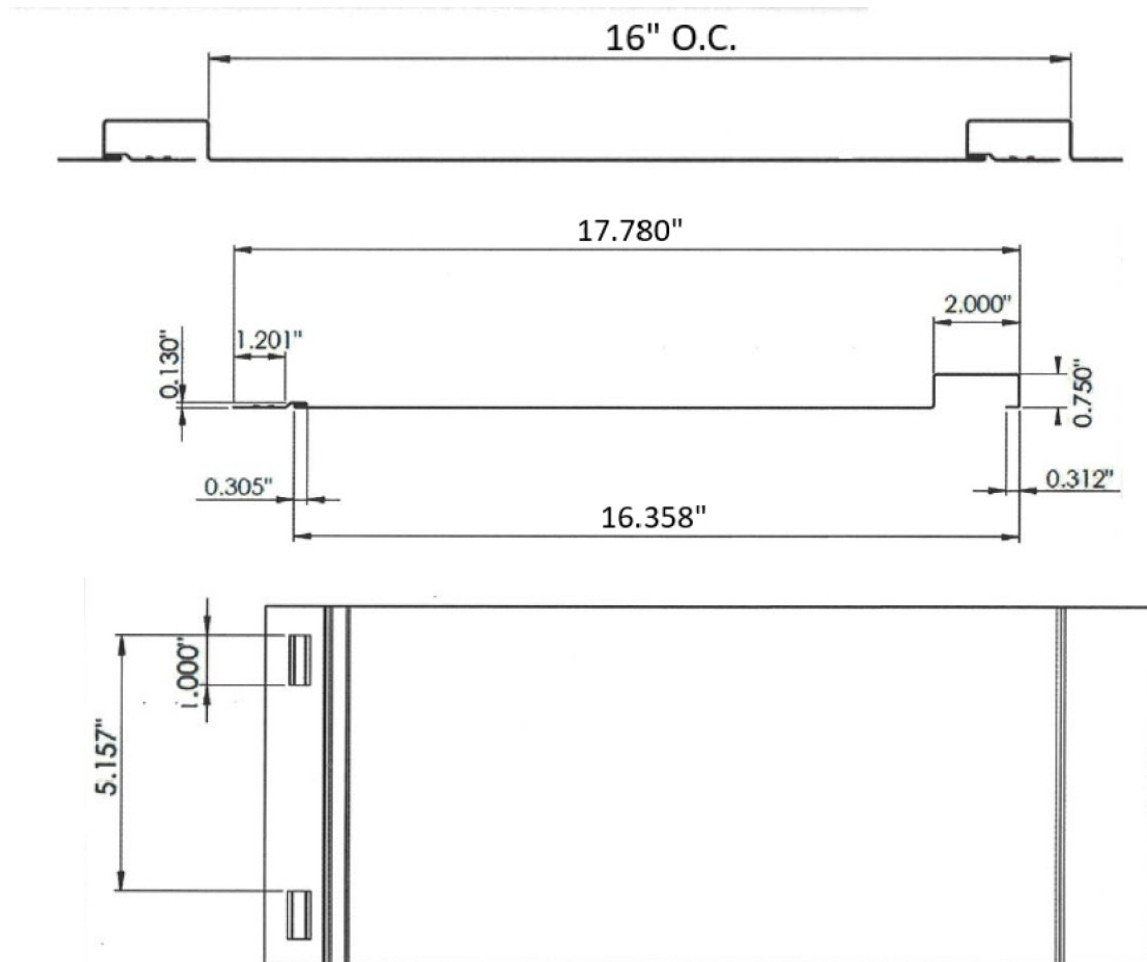
TABEL "A" Englert, Inc. "BOARD AND BATTEN" Wall Panel					
#	PANEL MAT'L	PANEL THICKNESS	FASTENER SPACING	FASTENER USED	DESIGN PRESSURE (PSF)
1.	ALUM	0.032"	5-5/32" O.C.	#10-13 x 1"	+ 65 - 57.25
2.	STEEL	24-ga.	5-5/32" O.C.	#10-13 x 1"	+ 65 - 85.8
Notes: • Positive Pressure Inward/Negative Pressure Outward • Allowable design pressure(s) for allowable stress design (ASD).					

Install the "BOARD AND BATTEN" Wall/Soffit panel assembly in compliance with the installation method listed in this report and applicable code sections of FBC 9th Edition (2026). The installation method described herein is in accordance with the scope of this evaluation report. Refer to manufacturer's installation instructions as a supplemental guide for attachment.

Evaluation**Reference Data:**

1. ASTM E330M-14 Test Report
By Farabaugh Engineering and Testing, Inc.(FBC Organization ID# TST 1654)
Report #T-232-25, Date: 5/27/25 (Steel)
1. ASTM E330M-14 Test Report
By Farabaugh Engineering and Testing, Inc.(FBC Organization ID# TST 1654)
Report #T-231-25, Date: 5/27/25 (Alum)
2. Quality Assurance
Keystone Certifications, Inc. (FBC Organization ID# QUA 1824)
Englert, Inc. Licensee #420
3. Certification of Independence
By James L. Buckner, P.E. @ CBUCK Engineering
(FBC Organization # ANE 1916)

Installation Method Englert, Inc. "BOARD AND BATTEN" Wall Panel



TYPICAL PROFILE VIEWS

TABEL "A"					
Englert, Inc. "BOARD AND BATTEN" Wall Panel					
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