
EQUIVALENCY EVALUATION REPORT	
Project No.: ACE-2026-157	Report No.: ACE-EER-1155, Rev. 1

Product Description: Exposed Fastener Perforated Aluminum or Stainless-Steel Wall Panels

Product Manufacturer: Centria, 700 State Highway 121 Bypass, Suite 200, Lewisville, TX 75067

Code: Current Edition of the Florida Building Code including the 9th Edition (2026) Florida Building Code

Compliance Method: Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

Product Category/Sub-Category: Structural Components/Structural Wall

SCOPE: Evaluate CENTRIA's Exposed Fastener Perforated Aluminum or Stainless-Steel Wall Panels for conformance to the 9th Edition (2026) Florida Building Code excluding the High Velocity Hurricane Zone (HVHZ).

CODE CONFORMANCE:

The 9th Edition (2026) Florida Building Code (FBC) requirements specific to this product that have been met by engineering evaluation (Reference 2.a) and depicted on the manufacturer's installation drawings (Reference 1) are the following.

- 1403.3 Exterior Walls – Wind Resistance
- 1404.5 Exterior Walls – Metal
- Table 1405.2 Minimum Thickness of Weather Coverings
 - Steel must meet or exceed 0.0149" in thickness. Met – see Appendix 1.
 - Aluminum must meet or exceed 0.019" in thickness. Met – see Appendix 1.
- 1405.17 Exterior Walls - Fasteners
- Table 1604.3 Deflection Limits
 - Exterior Walls/Flexible Finishes, deflection for wind loading limited to L/120. Met – see Appendix 2.
- 1609 Wind Loads
- 2002.1 Materials - General
- 2210.1 Cold-Formed Steel, General

The engineering evaluation (Reference 2.a) is based on AISI S100-07/S2-10 or AISI S100-12, North American Specification for the Design of Cold-formed Steel Structural Members or ADM1-2005, 2010 or 2015. The engineering evaluation determines Wind Pressure Loading in PSF. Safety factors are as prescribed in AISI S100-07/S2-10 or AISI S100-12 and ADM1-2005, 2010 or 2015. Fastener allowable is based on a safety factor of 3. Deflection limitation based on L/120 or L/180.

See Reference 2.b for Equivalency Evaluation of AISI S100-07/S2-10, ADM-2005, 2010 and 2015 in accordance with the 9th Edition (2026) FBC and FRC requirements.

9th Edition (2026) Florida Building and Residential Code Standards requirements:

- The 9th Edition (2026) Florida Building Code (FBC & FRC) requires AISI S100-16(2020) w/S2-20 to be used for cold-formed steel design.
- The 9th Edition (2026) Florida Building Code (FBC) requires Aluminum Design Manual (ADM) - 2020 to be used for aluminum design.

The engineering evaluation in Reference 2.a has been reviewed against the requirements of AISI S100-16(2020) w/S2-20 and found to be compliant with its requirements.

The engineering evaluation in Reference 2.a has been reviewed against the requirements of Aluminum Design Manual (ADM) - 2020 and found to be compliant with its requirements.

Therefore, this product and its testing and engineering evaluations meet the requirements of the 9th Edition (2026) Florida Building Code (FBC).

REFERENCES & SUPPORTING DOCUMENTS:

1) Manufacturer's Installation Instructions:

- a) Exposed Fastener Perforated Stainless Steel Wall Panel Installation Drawing, Style-Rib, Econolap $\frac{3}{4}$ ", BR5-36, MR3-36 Styles, signed and sealed by Robert. J. Amoruso, P.E.
- b) Exposed Fastener Perforated Aluminum Wall Panel Installation Drawing, BR5-36, MR3-36 Styles, signed and sealed by Robert. J. Amoruso, P.E.
- c) Exposed Fastener Perforated Aluminum Wall Panel Installation Drawing, Style Rib, signed and sealed by Robert. J. Amoruso, P.E.

2) Reports and Calculations

- a) Report No. ACE-PER-1155, Appendix 2, Panel Span Analysis for Centria Exposed Fastener Aluminum or Stainless-Steel Wall Panels to AISI S100-07/S2-10 or AISI S100-12, North American Specification for the Design of Cold-formed Steel Structural Members or ADM-2005, 2010 or 2015 by Robert J. Amoruso, P.E.
- b) Report No. ACE-PER-1155, Product Evaluation for Exposed Fastener Aluminum or Stainless-Steel Wall Panels to the 9th Edition (2026) FBC & FRC, Signed & Sealed by Robert J. Amoruso, P.E.

3) 9th Edition (2026) Florida Building Code (FBC), Building Volume

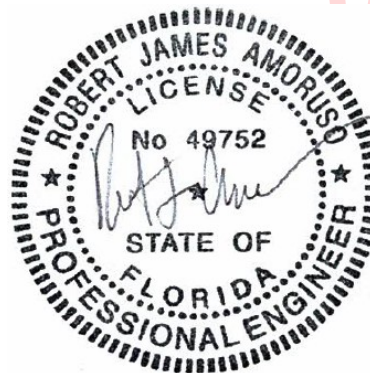
- a) 1403.3 Exterior Walls – Wind Resistance
- b) 1404.5 Exterior Walls – Metal
- c) Table 1405.2 Minimum Thickness of Weather Coverings
 - i) Steel must meet or exceed 0.0149" in thickness.
 - ii) Aluminum must meet or exceed 0.019" in thickness.
- d) 1405.17 Exterior Walls - Fasteners
- e) Table 1604.3 Deflection Limits

- i) Exterior Walls/Flexible Finishes, deflection for wind loading limited to L/120.
 - f) 1609 Wind Loads
 - g) 2002.1 Structural Aluminum Construction
 - h) 2010.1 Cold-Formed Steel, General
- 4) Standards used in evaluation.
- a) North American Specification for the Design of Cold-formed Steel Structural Members
 - i) AISI S100-07/S2-10
 - ii) AISI S100-12
 - b) Aluminum Design Manual – Part 1 by the Aluminum Association.
 - i) ADM 2005
 - ii) ADM 2010
 - iii) ADM 2015

Certificate of Independence per Product
Approval Rule 61G20-3.009

Robert J. Amoruso, P.E., does not have, nor will he acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

Robert J. Amoruso, P.E., does not have, nor will he acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



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Robert J
Amoruso
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Evaluated by:
Robert J. Amoruso, P.E.
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