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EQUIVALENCY EVALUATION REPORT	
Project No.: ACE-2026-157	**Report No.:** ACE-EER-1170, Rev. 1

Product Description:

- 20 GA. Galvanized Steel Roof Panels – HVHZ
  - Style-Rib Roofing Panels
  - MR3-36 Roofing Panels
  - Super-Rib Roofing Panels

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

Code: 9th Edition (2026) Florida Building Code Including the High Velocity Hurricane Zone (HVHZ)

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

Scope: Evaluate CENTRIA's Style-Rib, MR3-36 and Super-Rib Metal Wall Panels for conformance to the 9th Edition (2026) Florida Building Code Including the High Velocity Hurricane Zone (HVHZ).

References & Supporting Documents:

1) Manufacturer's Installation Instructions:

   a) Centria Installation Instructions. 20GA Galvanized Steel Roof Panel_Sh1_Rev9_Sh2_Rev7, dated 9/21/26, Signed and Sealed by Robert J. Amoruso, P.E.

2) Test Reports

   a) Performance Tests
      i) Test report on wind and wind driven rain resistance test per TAS 100-95 on Rib Profile Corrugated Structural Metal Panel by Farabaugh Engineering and Testing Inc., Report No. T111-09, dated 02/12/09, signed and sealed by Daniel G. Farabaugh, P.E.
      ii) Test report on Uniform Static Air Pressure Test per TAS 125-03 (ASTM E1592-95) on Style-Rib Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T109-09, dated 01/21/09, signed and sealed by Daniel G. Farabaugh, P.E.
      iii) Susceptibility to leakage test in accordance with Miami-Dade County Protocol TAS 114 Appendix G, prepared by Farabaugh Engineering and Testing, Inc., Report No. T125-09, dated 01/17/09, signed and sealed by Daniel G. Farabaugh, P.E.
      iv) Test report on Accelerated Weathering Testing of Coating 2000 hours per ASTM G26-96, prepared by Celotex, Report No. 520314, dated 09/22/99, signed and sealed by R. C. Miller, P.E.
      v) Test report on Salt Spray Testing of Coating 1000 hours per ASTM B117-95, prepared by Celotex, Report No. 520314, dated 09/07/99, signed and sealed by R. C. Miller, P.E.

   b) Material Tests

i) Mill Certified Test Report issued by West Penn Testing Laboratories, Inc., dated 06/23/99, with mechanical properties of galvanized steel.
ii) Tensile Test, Report No. 01-34871.01, prepared by Architectural Testing Inc., dated 09/09/99, signed and sealed by Allen N. Reeves, P.E.

3) Engineering Analysis & Evaluation

a) Calculations titled "Structural Calculations for 20 Ga. Style-Rib Steel Roofing Panels), dated 7/8/09, 3 pages, prepared by CENTRIA, signed and sealed by David S Barron, P.E. (FL PE No. 36374) on 7/15/09. Calculation mythology is confirmed to be in conformance with AISI S100-12.

Test Standards Used:

- TAS 100-95 (circa 2009)
- TAS 125-03 (circa 2009)
- TAS 114 Appendix G (circa 2009)
- ASTM E1592-95
- ASTM G26-96
- ASTM B117-95

Engineering Evaluation (Ref. 3.a):

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 engineering evaluation in Reference 3.a has been reviewed against the requirements of AISI S100-16(2020) w/S2-20 and found to be compliant with its requirements.

Performance Testing Equivalency Evaluation per Product Approval Rule 61G20-3.015(4)(d):

The table below equates performance testing standard revision levels and compares them to the revision level in the FBC – Test Protocols.

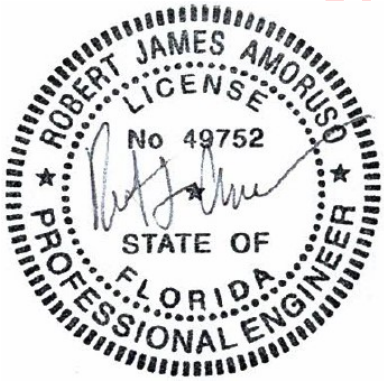
Standard Used in Testing	Standard as Listed in Current Edition FBC/FRC
TAS 100-95 (circa 2009)	TAS 100-23
TAS 125-03 (circa 2009)	TAS 125-03
TAS 114 Appendix G (circa 2009)	TAS 114-11 Appendix G
ASTM E1592-95	ASTM E1592-05(2017)
ASTM G26-96	Replaced by ASTM G155-21
ASTM B117-95	ASTM B117-16 & 19

Based upon my review of the test reports, test methods and results as well as the standards used in testing, it was determined this product meets the testing requirements of the Florida Building Code.

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.



Digitally signed by Robert J Amoruso
Date: 2026.09.22 11:25:48 -04'00'

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