

Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2588-EER, Rev. 2 | Project No. 423-0107 | 6/26/23 | Page 1 of 3

Product Manufacturer
CENTRIA
1550 Coraopolis Heights Road
Suite 500
Moon Township, PA 15108

Product Name, Model and/or Description
Versawall Insulated Metal Wall Panels - HVHZ

Code: Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

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

Product Name, Model and/or Designation: Products covered by this evaluation include the following.

- Versawall Insulated Metal Wall Panels - HVHZ

Installation Drawings:

- Centria Installation Instructions. Versawall Insulated Metal Wall Panels - HVHZ, Issue 1, dated 2/12/19, Signed and Sealed by Robert J. Amoruso, P.E.

Test Reports:

- PERFORMANCE TESTS
 - Test report on Air Infiltration, Uniform Static Air Pressure, and Water Resistance Test, per FBC, TAS 202-94, Large Missile Impact Test, per FBC, TAS 201-94 and Cyclic Wind Pressure Loading, per FBC, TAS 203-94 along with drawings of Versawall Panel assembly, prepared by Farabaugh Engineering and Testing, Test Report No. T176-13, dated 05/08/13, signed and sealed by Daniel G. Farabaugh, P.E.
 - VERSAWALL VW30-2.75 (30" MODULE, 22 GA FASCIA, 22 GA LINER), 1 SPAN @ 32" AND 1 SPAN @ 28" ONTO 3/16" STEEL TUBES
 - Test report on Air Infiltration, Uniform Static Air Pressure, and Water Resistance Test, per FBC, TAS 202-94, Large Missile Impact Test, per FBC, TAS 201-94 and Cyclic Wind Pressure Loading, per FBC, TAS 203-94 along with drawings of Versawall Panel assembly, prepared by Farabaugh Engineering and Testing, Test Report No. T175-13, dated 05/8/13, signed and sealed by Daniel G. Farabaugh, P.E.
 - VERSAWALL VW30-2.75 (30" MODULE, 22 GA FASCIA, 22 GA LINER), 2 SPANS @ 8'-0" ONTO 16 GA. SUBGIRTS
 - Test report on Air Infiltration, Uniform Static Air Pressure, and Water Resistance Test, per FBC, TAS 202-94, Large Missile Impact Test, per FBC, TAS 201-94 and Cyclic Wind Pressure Loading, per FBC, TAS 203-94 along with drawings of Versawall Panel assembly, prepared by Farabaugh Engineering and Testing, Test Report No. T159-13, dated 03/28/14, signed and sealed by Daniel G. Farabaugh, P.E.
 - VERSA WALL VW30-2.75 (30" MODULE, 22 GA FASCIA, 22 GA LINER), 2 SPANS @ 8'-0" O.C. INTO 3/16" STEEL TUBE
 - Test report on Air Infiltration, Uniform Static Air Pressure, and Water Resistance Test, per FBC, TAS 202-94, Large Missile Impact Test, per FBC, TAS 201-94 and Cyclic Wind Pressure Loading, per FBC, TAS 203-94 along with drawings of Versawall Panel assembly, prepared by Farabaugh Engineering and Testing, Test Report No. T161-13, dated 04/28/13, signed and sealed by Daniel G. Farabaugh, P.E.
 - VERSAWALL VW30-2.75 (30" MODULE, 22 GA FASCIA, 22 GA LINER), 3 SPANS @ 1'-4" O.C. INTO 16 GA. SUBGIRTS



Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2588-EER, Rev. 2 | Project No. 423-0107 | 6/26/23 | Page 2 of 3

- MATERIAL TESTS

- Intertek Report No. H2598.01-106-31, 09/05/17, Huntsman WR40633 and Baytherm 871 Foam Core Insulation for Versawall 2",Versapanel 1.75", and MetalWrap 2" insulation panels, ASTM D1929-16, *Standard Test Method for Determining Ignition Temperature of Plastics*
 - Self-Ignition Temperature = 500°C (932°F) (Huntsman WR40633 Versawall 2")
 - Flash Ignition Temperature = 440°C (824°F) (Huntsman WR40633 Versawall 2")
- Intertek Report No. 103133595SAT-001A, June 30 , 2017, "Versawall 4" WR40633 Huntsman foam", ASTM E84-16 TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS (UL 723, UBC 8-1, NFPA 255)
 - Flame spread index = 20
 - Smoke developed index = 300
- Intertek Report No. 103167166SAT-010A, August 2, 2017, "Versawall 2" Huntsman foam", ASTM E84-16 TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS (UL 723, UBC 8-1, NFPA 255)
 - Flame spread index = 25
 - Smoke developed index = 250

Test Standards Used:

- TAS 201-94 (circa 2013 and 2014)
- TAS 202-94(circa 2013 and 2014)
- TAS 203-94(circa 2013 and 2014)
- ASTM D1929-16
- ASTM E84-16

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 Current Edition of the FBC – Test Protocols.

Standard Used in Testing	Standard as Listed in Current Edition FBC/FRC
TAS 201-1994	TAS 201-1994
TAS 202-1994	TAS 202-1994
TAS 203-1994	TAS 203-1994
ASTM D1929-16	ASTM D1929-16
ASTM E84-16	ASTM E84-18b

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 Current Edition of the Florida Building Code.



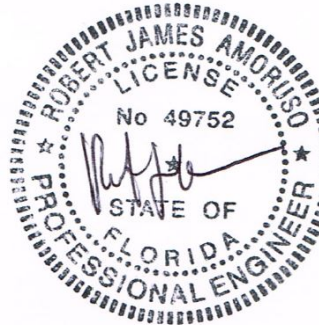
Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2588-EER, Rev. 2 | Project No. 423-0107 | 6/26/23 | Page 3 of 3

Certificate of Independence per Product Approval Rule 61G20-3.009

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Digitally signed
by Robert J
Amoruso
Date:
2023.08.14
15:09:41 -04'00'

Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752

