

Equivalency Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2616-EER, Rev. 2 | Project No. 423-0107 | 6/27/23 | Page 1 of 2

<u>Product Manufacturer</u>	<u>Product Name, Model and/or Description</u>
CENTRIA 1550 Coraopolis Heights Road Suite 500 Moon Township, PA 15108	Versapanel Roof Panel

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.

- Versapanel Roof Panel
 - 1.75" Panel Thickness
 - 36" Panel Width
 - 22 GA and 26 GA Steel Exterior and Interior Skins
 - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core
 - 2.5" Panel Thickness
 - 36" Panel Width
 - 22 GA and 26 GA Steel Exterior and Interior Skins
 - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core
 - 4" Panel Thickness
 - 36" Panel Width
 - 22 GA and 26 GA Steel Exterior and Interior Skins
 - Huntsman Rubitherm Polyisocyanurate (PIR) Insulating Foam Core

Installation Drawings:

- Centria Installation Instructions. Versapanel Roof Panel – 1.75", 2.5" and 4" Panel Thickness, Original Issue, dated 7/26/19, Signed and Sealed by Robert J. Amoruso, P.E.

Test Reports:

- PERFORMANCE TESTING
 - Test report on Uniform Negative Load Test per ASTM E72-02 for Versapanel 1.75", 2.5" and 4" at 22ga and 26ga, prepared by Farabaugh Engineering and Testing, Inc., Report No. T330-16, dated 11/03/2017, signed by Daniel G. Farabaugh, P.E.
- 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 Versapanel 1.75")
 - Flash Ignition Temperature = 450°C (842°F) (Huntsman WR40633 Versapanel 1.75")
 - Intertek Report No. 103133595SAT-001A, June 30, 2017, 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, 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



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Test Standards Used:

- ASTM E72-02
- ASTM D1929-16
- ASTM E84-16

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.

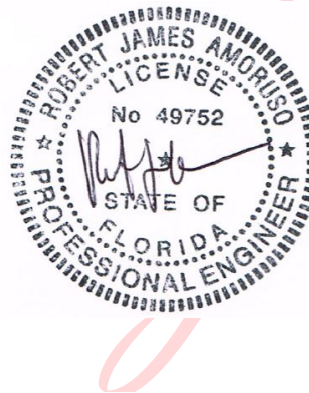
Standard Used in Testing	Standard as Listed in Current Edition FBC/FRC
ASTM E72-02	Not Referenced in FBC/FRC
ASTM D1929-16	ASTM D1929-16
ASTM E84-16	ASTM E84-18b

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.

Certificate of Independence per Product Approval Rule 61G20-3.009

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Digitally
signed by
Robert J
Amoruso
Date:
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Evaluated By:
Robert J. Amoruso, P.E.
FL P.E. License Number 49752

