



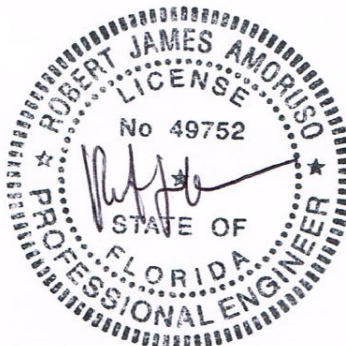
Equivalency Evaluation Report

Date:	June 24, 2023
Report #:	2153-EER
Report Revision No.:	4
Project #:	422-0607
Product Mfg.:	Hibco Plastics, Inc. P.O. Box 157 Yadkinville, NC 27055
Product Description:	Versa Vent Ridge Vent Material
Product Category:	Roofing
Product Sub-Category:	Roofing Accessories that are an Integral Part of the Roofing System
Compliance Method:	Product Approval Rule 61G20-3.015 – Equivalency of Standards
Prepared By:	Robert J. Amoruso, P.E. Florida P.E. No. 49752 PTC Product Design Group, LLC, PO Box 520775, Longwood, FL 32752-0775 Florida C of A No. 25935

CERTIFICATE OF INDEPENDENCE

PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report.

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Amoruso
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Evaluated by:
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Equivalency Evaluation
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SCOPE

Evaluate equivalency of testing standards used for the performance testing of Hibco Plastics, Inc. Versa Vent Ridge Vent Material for conformance to the High Velocity Hurricane Zone (HVHZ) of the Current Edition of the Florida Building Code – Building and Residential Volumes including the 8th Edition (2023) Florida Building Code.

DESCRIPTION OF PRODUCT – INSTALLATION REQUIREMENTS

See PTC Product Evaluation Report No. 2153 (Reference 3) for a full description of the product including testing standards used.

PERFORMANCE AND TESTING STANDARDS SUMMARY

Reference 2 conducted testing to the following standard(s).

1. TAS 100(A)-95, Test Procedure for Wind and Wind Driven Rain Resistance and/or Increased Windspeed Resistance of Soffit Ventilation Strip and Continuous or Intermittent Ventilation System Installed at the Ridge Area.
2. ASTM D 1929-96, Standard Test Method for Determining Ignition Temperature of Plastics.
3. ASTM D 635-98, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.
4. ASTM D 2843-99, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics.

REFERENCES & SUPPORTING DOCUMENTS

1. Drawings:
 - a. HIB0001, Rev. B, dated January 16, 2018, signed, and sealed by Robert J. Amoruso, Hibco Plastics, Inc. Versa Vent Ridge Vent Material
2. Test Reports.
 - a. ATI Test Report No. 54543.01-120-32 to TAS 100(A)-95
 - b. ATI Test Report No. 60944.01-106-31 to ASTM D 1929-96, ASTM D 635-98, and ASTM D 2843-99
3. Reports
 - a. PTC Report No. 2153, Rev. 4, Product Evaluation for Hibco Plastics, Inc. Versa Vent Ridge Vent Material, signed and sealed by Robert J. Amoruso.



Product Conformance Evaluation to 8th Edition (2023) FBC/FRC

Testing (Reference 2) was conducted to the following standards (as documented in Product Evaluation Report No. 2153 - Reference 3).

Standard	Year Used in Testing (Ref. 2)	Year Required by 8th Edition FBC and/or FRC
TAS 100(A)	95	23
ASTM D1929	1996	2016
ASTM D635	1998	2014
ASTM D2843	1999	2016

Based upon a review of TAS-100(A)-23, the current edition test protocol has not changed from that used in testing in any manner that would negate test results.

Based upon a review of (a) Chapter 35 of the 8th Edition (2023) Florida Building Codes and (b) Chapter 46 of the 8th Edition (2023) Florida Residential Codes the following is concluded.

- The testing standard revision levels listed above and used for testing of product(s) included in this evaluation have been compared to those currently listed in the 8th Edition (2023) Florida Building and Residential Codes. Based upon that review, it was determined that the test results documented in Reference 2 test reports demonstrate code compliance to the 8th Edition (2023) FBC/FRC regarding testing requirements, results reporting and results interpretation. No changes exist in the listed testing standards that would necessitate re-testing of the product(s) included in this evaluation.
- Testing standards listed above are all present in Chapter 35 of the 8th Edition (2023) Florida Building Code.

Therefore, all test standards listed above, and test results associated with this product are valid for and demonstrate compliance to the 8th Edition (2023) Florida Building Code and the 8th Edition (2023) Florida Residential Code as applicable.