



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Victory Polymers Corp.
1700 Post Oak Blvd. 2 Blvd. Place, Suite 600
Houston, TX 77056

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: VPC-HFO Spray Polyurethane Foam Adhesive

APPROVAL DOCUMENT: Drawing No. **24-696-VPC HFO-ER**, titled "Victory Polymers "VPC HFO" Spray Polyurethane Foam Adhesive, sheet 1 through 6 of 6, prepared by CBuck, Inc., , dated 09/04/2025, signed and sealed by James L. Buckner, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved". Products come in different size buckets or drums. Each container needs to be labeled.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



12/10/25

NOA No. 23-0120.01
Expiration Date: December 18, 2030
Approval Date: December 18, 2025
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **24-696-VPC HFO-ER**, titled “Victory Polymers “VPC HFO” Spray Polyurethane Foam Adhesive, sheet 1 through 6 of 6, prepared by CBuck, Inc., , dated 09/04/2025, signed and sealed by James L. Buckner, P.E.

B. TESTS

	<u>Test Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	T274-25	TAS 202-94, 203-94	07/17/25	Daniel G. Farabaugh, P.E.
2.	RTL0637-2	ASTM D1621-16	05/13/24	Bart W. Berneche, P.E.
3.	RTL0637-3	ASTM D1623-17	05/13/24	Bart W. Berneche, P.E.
4.	RTL0637-5	ASTM D2126-20	05/13/24	Bart W. Berneche, P.E.
5.	106168422MID-001B	ASTM D1929-23	04/10/25	Tanya A. Dolby, P.E.
6.	VIPA121324-95(A)	ASTM E84-24	09/13/16	Douglas J. Berger, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Drawing statement of code conformance to the 8th edition (2023) of the FBC, issued by CBuck, Inc., dated 09/04/2025, signed and sealed by James L. Buckner, P.E.
2. Statement letter of no financial interest issued by CBuck, Inc., dated 12/09/2025, signed and sealed by James L. Buckner, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-0120.01
Expiration Date: December 18, 2030
Approval Date: December 18, 2025

Engineering Report & Drawings of

Victory Polymers Corporation

1700 Post Oak Boulevard, 2 BLVD Place, Suite 800
Houston, TX 77056

"VPC HFO"

Spray Polyurethane Foam Adhesive

For

Miami-Dade Notice of Acceptance (N.O.A.)

Category: Cladding
Sub - Category: Adhesive
Material: Polyurethane

Product: VPC HFO
Product Description: Spray Polyurethane Foam Adhesive
Application Use: Supplemental Plywood Deck Attachment

Prepared by:

James L. Buckner, P.E.

Florida Professional Engineer # 31242

Project Manager: Diana Galloway

Report No.: 24-696-VPC HFO-ER

Date: 12/01/2025

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 23-0120.01

Approval Date 12/18/2025

By 
Miami-Dade Product Control

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VICTORY POLYMERS "VPC HFO" SPRAY POLYURETHANE FOAM ADHESIVE ENGINEERING REPORT



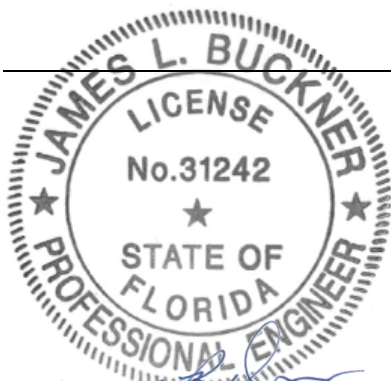
CBUCK, Corporation
1374 Community Drive
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MANUFACTURER:



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DRAWN BY:	DG
REVISIONS:	



Date: 12/01/2025

1.0 Product:

- 1.1 **Manufacturer:** Victory Polymers Corporation
- 1.2 **Product Name:** VPC HFO
- 1.3 **Category:** Cladding
- 1.4 **Subcategory:** Adhesive
- 1.5 **Material:** Polyurethane

2.0 Evaluation Scope:

2.1 Evaluation Criteria:

- 2.1.1 Florida Building Code (FBC) 8th Edition (2023)
 - 2.1.1.1 Code Section: High Velocity Hurricane Zone (HVHZ)
 - 2.1.1.2 Miami-Dade Department of Regulatory And Economic Resources, Product Control Section Checklist # 0115

2.2 Properties Evaluated:

- 2.2.1 Wind Resistance Properties
 - 2.2.1.1 Uniform Static Air Pressure (Structural and Negative Loads only.)
 - 2.2.1.2 Cyclic Wind Pressure Loading
- 2.2.2 Physical Properties
 - 2.2.2.1 Water Absorption
 - 2.2.2.2 Dimensional Stability
 - 2.2.2.3 Water Vapor Permeability
 - 2.2.2.4 Compressive Strength
 - 2.2.2.5 Density
 - 2.2.2.6 Tensile Strength
 - 2.2.2.7 Open Cell Content
 - 2.2.2.8 Flame Spread Index
 - 2.2.2.9 Smoke Developed Index
 - 2.2.2.10 Self-Ignition Temperature

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2.3 Limits of Evaluation:

This product is limited to compliance with the criteria in section 2.1 and properties in section 2.2 of this report.

3.0 Evaluated Uses:

Structural:

The VPC HFO Spray Polyurethane Foam Adhesive as evaluated in this report may be used for supplemental attachment of roof plywood deck to rafters/truss top chords (dimensional lumber). This product may be used for supplemental wind resistance in new construction or for enhancing the wind uplift resistance on existing structures.

VICTORY POLYMERS "VPC HFO" SPRAY POLYURETHANE FOAM ADHESIVE ENGINEERING REPORT



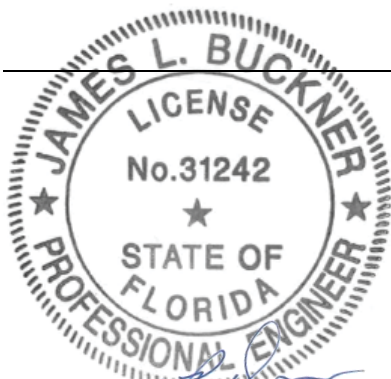
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4.0 Product Description:

General:

VPC HFO is a two-Spray Foam product system of two components, spray applied, closed-cell polyurethane foam adhesive. VPC HFO spray polyurethane foam adhesive is formed by the reaction of combining two components. This spray foam adhesive provides wind uplift resistance when applied directly to the junction of the roof plywood deck and the roof rafter/truss top chords. VPC HFO, spray polyurethane foam adhesive fillet is applied to both sides of the roof rafter/truss top chords.

5.0 Evaluated Components to be Adhered:

(Design of components is outside the scope of this evaluation)

5.1 Roof Deck:

5.1.1 Type: Plywood per FBC Chapter 23

5.2 Rafter/Truss Top Chord:

5.2.1 Function: Typically Roof Rafter or Wood Truss Top Chord

5.2.2 Type: Dimensional Lumber

5.2.3 Spacing: 24 in. o.c. (As Tested and Evaluated)

6.0 Product Assembly Structural Performance:

6.1 Wind Resistance Properties:

Allowable Design Uplift Resistance: - 227.93 PSF

Based Rafters/Roof Truss Top Chords Spacing of 24" o.c.

6.2 Cyclic Wind Loading:

Results: Passed

Standard: TAS 203 – 94

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7.0 Physical Properties:

	Physical Property	Standard	Value
7.1	Water Absorption (% by volume) (@ 73.4°F + 3.6°F for 96 hours @ 2 in. head)	ASTM D2842	< 1%
7.2	Dimensional Stability (% by volume) (At 158°F; 97 ± 3% R.H. 28 days)	ASTM D2126	< 15 %
7.2	Water Vapor Permeability (@ 74°F)	ASTM E96	0.840 perm-inch
7.3	Compressive Strength	ASTM D1621	17.7 psi
7.4	Density	ASTM D1622	2.04
7.5	Tensile Strength	ASTM D1623	19.6 psi
7.6	Open Cell Content	ASTM C6226	4.95%
7.7	Flame Spread Index	ASTM E84	5
7.8	Smoke Developed Index	ASTM E84	300
7.9	Self-Ignition Temperature	ASTM D1929	662° F

Note: The Physical properties listed above are presented as typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation.

VICTORY POLYMERS "VPC HFO" SPRAY POLYURETHANE FOAM ADHESIVE ENGINEERING REPORT



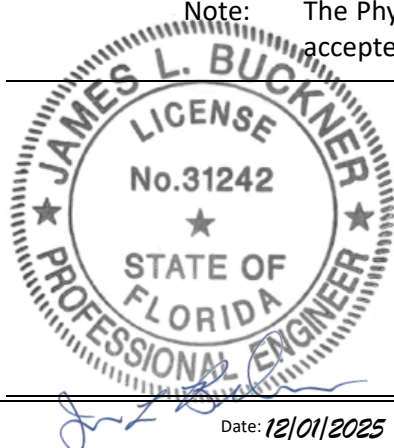
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8.0 General Installation Method:

8.1 Surface Preparation:

All surfaces intended to be sprayed with VPC HFO spray polyurethane foam adhesive must be clean and dry, free of dirt, oil, solvents, grease and loose particles for optimal adhesion. Remove sawdust and other debris from areas intended to be sprayed by blowing with compressed air or vacuuming with a shop vacuum.

8.2 Fillet Foam Application:

Apply VPC HFO adhesive using a "picture framing" technique. Foam must cover at least 4 inches of the rafter member and 4 inches of the roof deck. The resulting triangular cant, at least 4 inches high and 4 inches wide, will cover the joint between the rafter member and the underside of the roof deck. Spray foam adhesive shall be applied at a minimum thickness of 1/2 inch and a maximum thickness of 2 inches. Allow foam to fully expand and cool for a period of 10 minutes between passes.

Install the system in compliance with the evaluated installation method(s). The installation method(s) described herein have been evaluated to address the scope of the evaluation. Refer to manufacturer's installation instructions as a supplemental guide for spray foam application.

9.0 Limitations of Use:

- 9.1 VPC HFO Spray Polyurethane Foam Adhesive shall be installed by a Victory Polymers Polyurethanes qualified spray foam applicator trained in the processing and application of SPF systems as well as the plural component polyurethane dispensing equipment.
- 9.2 Fire Classification is not part of this acceptance. Refer to a current Approved Roofing Materials Directory for fire ratings of this product.
- 9.3 This product may be used for supplemental attachment of roof plywood deck to rafters/truss top chords
- 9.4 This product may be used for code plus wind resistance in new construction or for enhancing the wind uplift resistance on existing structures.

10.0 Code Compliance

Product meets the High Velocity Hurricane Zone (HVHZ) Requirements of the Florida Building Code (FBC) 8th Edition (2023) for the properties evaluated.

11.0 Identification:

Each individual unit shall bear a permanent label with the manufacture's name or logo, city, state and following statement: Miami-Dade County Product control Approved", unless otherwise noted.

VICTORY POLYMERS "VPC HFO" SPRAY POLYURETHANE FOAM ADHESIVE ENGINEERING REPORT



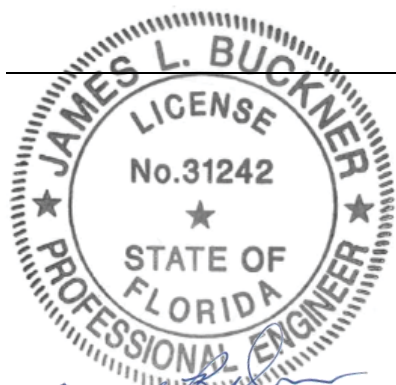
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12.0 Referenced Data:

Test Reports:

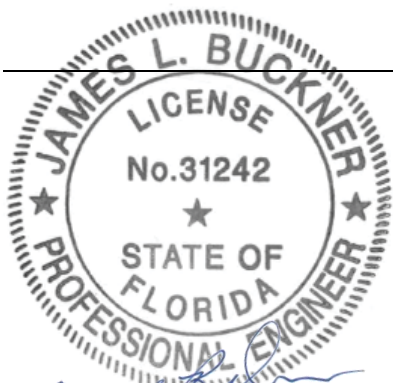
- 1) TAS 202-94 & 203-94
By: Farabaugh Engineering and Testing Inc.
Project #: T274-25, 15/32 Plywood
Report Date: 07/17/25
- 2) ASTM D1929-2023
By: Intertek
Report No.: 106168422MID-001B
Report Date: 04/10/25
- 3) ASTM D2126-20
By: Right Testing Labs
Report No.: RTL0637-5
Report Date: 05/13/24
- 4) ASTM D1623-17
By: Right Testing Labs
Report No.: RTL0637-3
Report Date: 05/13/24
- 5) ASTM D1621-16
By: Right Testing Labs
Report No.: RTL0637-2
Report Date: 05/13/24
- 6) ASTM E84-24
By: ICC Evaluation Service
Report No.: VIPA121324-95(A)
Report Date: 03/28/25, Signed 4/21/25

PRODUCT APPROVED
as complying with the Florida
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By 
Miami-Dade Product Control



VICTORY POLYMERS "VPC HFO" SPRAY POLYURETHANE FOAM ADHESIVE ENGINEERING REPORT



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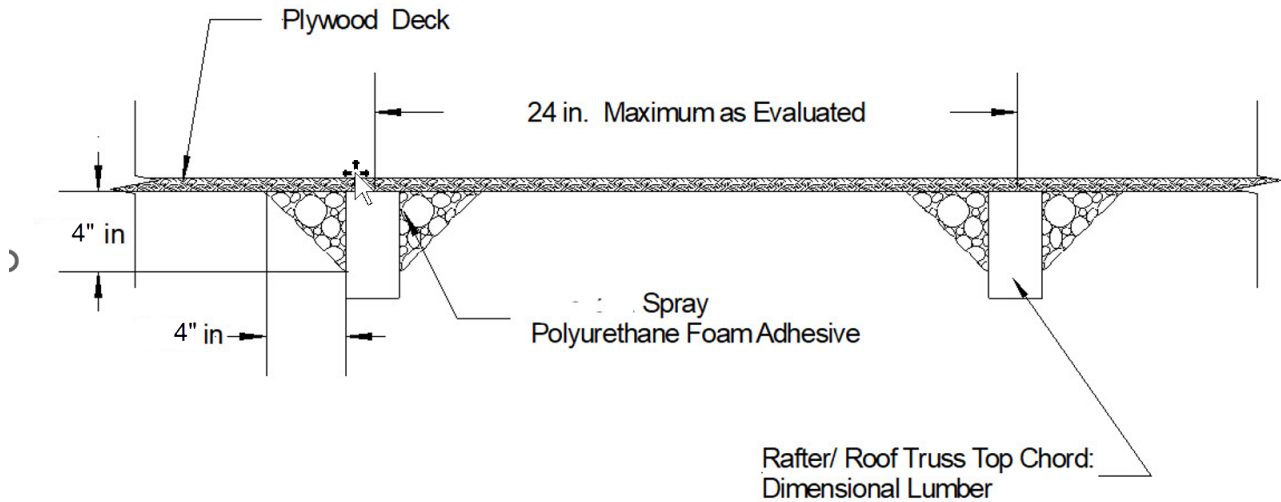
Installation Method

Victory Polymers Corporation

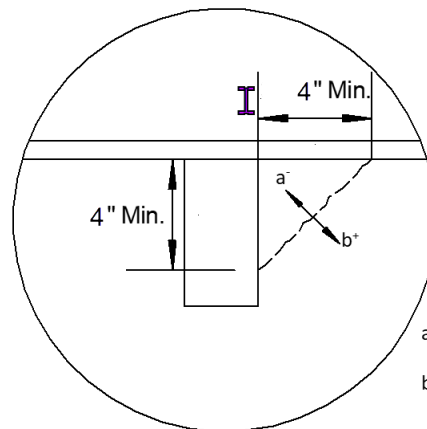
VPC HFO

Spray Polyurethane Foam Adhesive

Application Type: Fillet



Typical Roof Deck Section



a- Direction: Zero Tolerance

b+ Direction: Any Greater

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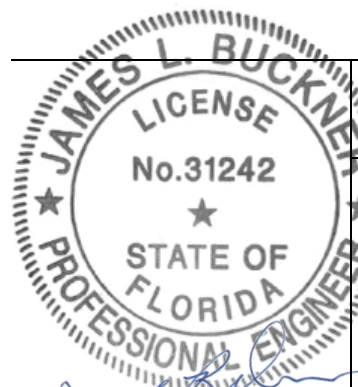
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By *[Signature]*
Miami-Dade Product Control

Fillet Tolerances

VICTORY POLYMERS "VPC HFO" SPRAY POLYURETHANE FOAM ADHESIVE
ENGINEERING REPORT



CBUCK Engineering
Specialty Structural Engineering

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