

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

NOTICE OF ACCEPTANCE (NOA)

Varco Pruden Buildings, a Division of BlueScope Buildings NA, Inc. 3200 Players Club Circle Memphis, TN 38125

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Vee Rib Screwed Down Ribbed Wall Panel

APPROVAL DOCUMENT: Drawing No. VRWall1, titled "Vee-Rib Wall Panel", sheets 1 and 2 of 2, prepared by Varco-Pruden Buildings, Inc. dated June 02, 2014, last revision #4 dated August 14, 2023, signed and sealed by Russell L. Benton, P.E., on August 22, 2023, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, Evansville, WI and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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 **renews NOA #24-0507.04** and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4, E-5, E-6 & E-7 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



H. JA. M. W. 01/16/2025

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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

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #95-0629.08

A. TESTS

- 1. Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure: Test pressure 75 psf and Design pressure 50 psf; 3) Cyclic Wind Pressure: Test Pressure 25/30/65 psf and Design Pressure 50 psf, prepared by Architectural Testing Inc., Test Report No. ATI-15547, dated 05/19/95, signed and sealed by Allen N. Reeves, P.E.
- 2. Test report on: 1000 hours in salt spray per ASTM B117, prepared by Akzo Nobel Coatings, Inc. dated 01/15/95, signed and sealed by David A. Cocuzzi.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-0324.14

A. DRAWINGS:

1. Drawing No. 990324.14, titled "VEE-RIB Wall Mock-Up", sheet 1 of 2, and "Erection Details", sheet 2 of 2, prepared by Kevin R. Adams, P.E., dated May 26, 1995, signed and sealed by Kevin R. Adams, P.E., on February 16, 1999, sheets 1 and 2 of 2.

B. CALCULATIONS:

1. Calculations titled "Allowable Panel Span (VR Wall)", dated February 15, 1999, pages 1 through 3 of 3, prepared by Kevin R. Adams, P.E., signed and sealed by Kevin R. Adams, P.E.

C. MATERIAL CERTIFICATIONS:

1. Tensile Test Report No. 01-33389.06, prepared by Architectural Testing Inc., dated March 15, 1999, signed and sealed by Allen N. Reeves, P.E.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #01-1128.05

A. DRAWINGS:

1. Drawing No. 2001-008, titled "VEE-RIB Wall Mock-Up", sheets 1 and 2 of 2, prepared by Joe N. Nunnery, P.E., dated October 25, 2001, signed and sealed by Joe N. Nunnery, P.E., on January 3, 2002.

B. TESTS

- 1. Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure Test; 3) Cyclic Wind Pressure Test, prepared by Architectural Testing Inc., Test Report No. ATI-01-40373.01, dated 11/19/2001, signed and sealed by Allen N. Reeves, P.E.
- 2. Addendum to Test Report No. ATI-01-40373.01, dated 12/14/2001, signed and sealed by Allen N. Reeves, P.E.

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS:

- 1. Calculations titled "Analysis of results of static air pressure test per protocol PA-202", dated 11/20/2001, 2 pages, prepared by Joe N. Nunnery, P.E., signed and sealed by Joe N. Nunnery, P.E.
- 2. Calculations titled "Analysis of results of static air pressure test per protocol PA-202", not dated, 1 page, prepared by Joe N. Nunnery, P.E., signed and sealed by Joe N. Nunnery, P.E.

D. MATERIAL CERTIFICATIONS:

1. Tensile Test Report No. 01-40373, prepared by Architectural Testing Inc., dated 11/19/2001, signed and sealed by Allen N. Reeves, P.E.

E. STATEMENTS

- 1. Statement of Compliance form Joe Nunney, P.E. dated January 2, 2002
- 2. Statement of Financial Interest from Joe Nunney, P.E. dated January 2, 2002

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #07-0515.03

A. DRAWINGS

1. Drawing No. 1 and 2 titled "Vee-Rib Wall Mock-Up", prepared by Varco-Pruden Buildings, Inc. dated August 04, 2007, signed and sealed by Clifton E. Querry, P.E., on 08/06/07.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculations titled "Vee Rib Panel Design Validation", 7 pages, prepared by ", prepared by Varco-Pruden Buildings, Inc. dated August 04, 2007, signed and sealed by Clifton E. Querry, P.E., on 08/31/07.

D. QUALITY ASSURANCE

1. Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.

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E - 2

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0514.04

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. Calculations titled "Vee Rib Panel Design Validation", 7 pages, prepared by Varco-Pruden Buildings, Inc. dated May 07, 2008, signed and sealed by Clifton E. Querry, P.E., on 05/07/2008.

D. QUALITY ASSURANCE

1. Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-0311.06

A. DRAWINGS

1. Drawing No. 1 titled "Vee-Rib Wall Mock-Up", sheets 1 and 2 of 2, prepared by Varco-Pruden Buildings, Inc. dated August 04, 2006, last revision #1 dated May 22, 2013, signed and sealed by Larry L. Boozer, P.E., on May 22, 2013.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE 1. Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor NOA No. 24-0912.06 Expiration Date: 06/10/2030 Approval Date: 01/16/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 14-0605.10

A. DRAWINGS

1. Drawing No. VRWall1, titled "Vee-Rib Wall Panel", sheets 1 and 2 of 2, prepared by Varco-Pruden Buildings, Inc. dated June 02, 2014, last revision #1 dated June 02, 2014, signed and sealed by Larry L. Boozer, P.E., on July 25, 2014.

B. TESTS

1. Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure Test; 3) Cyclic Wind Pressure Test, prepared by Farabaugh Engineering and Testing Inc., Report No. T145-14, dated 03/10/2014, signed and sealed by Daniel G. Farabaugh, P.E.

C. CALCULATIONS

1. Calculations titled "Vee Rib Panel Design Validation", 18 pages, issued by Varco-Pruden Buildings, Inc. dated 07/25/14, signed and sealed by Larry L. Boozer, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

8. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-1031.11

A. DRAWINGS

1. Drawing No. VRWall1, titled "Vee-Rib Wall Panel", sheets 1 and 2 of 2, prepared by Varco-Pruden Buildings, Inc. dated June 02, 2014, last revision #2 dated October 16, 2017, signed and sealed by Russell L. Benton, P.E., on October 18, 2017.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

- D. QUALITY ASSURANCE
 - 1. Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of Compliance with FBC, 2017 Edition prepared by Varco-Pruden Buildings, Inc. dated 10/16/17, signed and sealed by Russell L. Benton, P.E.

Fielmy A. Makar, P.E., M.S. Product Control Section Supervisor NOA No. 24-0912.06 Expiration Date: 06/10/2030 Approval Date: 01/16/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

9. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 19-0311.02

A. DRAWINGS

1. None.

B. TESTS

1. None.

- C. CALCULATIONS
 - 1. None.

D. QUALITY ASSURANCE

1. Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of Compliance with FBC, 2017 Edition prepared by Varco-Pruden Buildings, Inc. dated 02/25/19, signed and sealed by Russell L. Benton, P.E.

10. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-0922.11

A. DRAWINGS

1. Drawing No. VRWall1, titled "Vee-Rib Wall Panel", sheets 1 and 2 of 2, prepared by Varco-Pruden Buildings, Inc. dated June 02, 2014, last revision #3 dated Sept. 08, 2020, signed and sealed by Russell L. Benton, P.E., on September 11, 2020.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of Compliance with FBC, 2020 Edition prepared by Varco-Pruden Buildings, Inc. dated 09/11/20, signed and sealed by Russell L. Benton, P.E.

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

11. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 23-0908.05

A. DRAWINGS

1. Drawing No. VRWall1, titled "Vee-Rib Wall Panel", sheets 1 and 2 of 2, prepared by Varco-Pruden Buildings, Inc. dated June 02, 2014, last revision #4 dated August 14, 2023, signed and sealed by Russell L. Benton, P.E., on August 22, 2023.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of Compliance with FBC, 2023 Edition prepared by Varco-Pruden Buildings, Inc. dated 08/22/23, signed and sealed by Russell L. Benton, P.E., on 08/22/2023.

12. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 24-0507.04

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of Compliance with FBC, 2023 Edition prepared by Varco-Pruden Buildings, Inc. dated 04/29/24, signed and sealed by Russell L. Benton, P.E., on 04/29/24.

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

13. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. None.

B. TESTS

1. Test report on: Static Air Pressure Test, per TAS 202, prepared by Farabaugh Engineering and Testing Inc., Report No. T237-24, dated 08/08/2024, signed and sealed by Daniel G. Farabaugh, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of Compliance with FBC, 2023 Edition prepared by Varco-Pruden Buildings, Inc. dated 09/09/24, signed and sealed by Russell L. Benton, P.E., on 09/09/24.

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PANEL SUPPORT FASTENERS: 12-14 X 1 1/4" WALL STRUCTUR O.D. WASHER AND EPDM RUBBER ONE PER LOW FLUTE ALONG EAC	AL W/ 9/16" WASHER SELF DRILLING SCREWS. H SUPPORT TYPICAL
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V	Russell L Benton, P.E. No. 51155
	BlueScope Buildings NA 13500 Botts Rd
	Grandview, MO 64030
"VEE-RIB" WALL PANEL	
BUILDER CUSTOMER	FLVRWALL1
LOCATION	VP BUILDINGS VARCO PRUDEUI
BUILDER'S POR	A BlueScope Steel Company VPC VERSION: 2018.1C PAGE 1 OF 2
	a division of Blue Scope Buildings North America, Inc.



NOTE: THIS PANEL SHALL BE USED FOR WALL CONSTRUCTION ONLY. FRAMING AND DETAILS SHOWN REPRESENT ACTUAL CONSTRUCTION DETAILS IN FIELD AND FOR TEST SPECIMENS USED IN <u>TAS 201-94, TAS 202-94, TAS 203-94, & ASTME330-02</u> SIZES OF TEST APPEARATUS VARY, REFER TO SPECIFIC TEST FOR SAMPLE SIZE. EACH ACTUAL WALL PROJECT SHALL BE CONSTRUCTED USING THE SAME DETAILS SHOWN ON THESE DRAWINGS INCLUDING: A) DETAILS OF ALL VEE RIB SECTIONS WITH DIMENSIONS AND THICKNESS; B) ASSEMBLY DETAILS INCLUDING ALL CONNECTIONS; C) FASTENER DIAGRAM WITH THE SIZE AND LOCATION; D) PANEL MATERIAL CHARACTERISTICS

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THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND ESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP THE P ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERT OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

B	VP Buildings 3200 Players Club Circle Memphis TN 38125		2011 BL 1012 C BORDER B 10 C B	"VEE-RIB" WALL PANEL		
REV	DATE	BY	DESCRIPTION	BUILDER		FLVRWALL1
4	08/14/23	RLB	NOTE 5, 2023 FBC	CUSTOMER	1 \\//	
2	10/16/17	RLB	NOTE 5, 2017 FBC	LOCATION		06/02/2014
3	09/08/2020	RLB	NOTE 5, 2020 FBC	PROJECT	VARCO PAU DEN	LLB
			NTS	BUILDER'S POI	A BlueScope Steel Company VPC VERSION 2018.1C	PAGE 2 OF 2
				1	division of BlueScope Buildings North Amer	ca, hc.

General Notes:

- 1. The VEE RIB structural metal siding panels consist of 24 gage 0.023" minimum thickness cold formed steel sheet conforming to the physical requirements of ASTM A653 Grade 50 (50,000 psi minimum yield stress) coating designation G-90 pointed thickness of 0.023 inches or A792 grade 50, AZ55 or AZ50 coating.
- 2. The VEE RIB structural metal siding may be used as structural siding or curtain wall of buildings.
- 3. The VEE RIB structural metal panels shall be on steel supports not less than 0.06 inches in thickness with #12-14 threads/in x 1-1/4" long self-drilling screws with 9/16" integral washer and EPDM rubber washer. A fastener shall be located at each low flute. The sidelap joints shall be fastened with 1/4" diameter 14 threads per inch x 7/8" long stitch screws with same integral washer. Sidelap fasteners shall be placed between supports at a spacing not to exceed 15 inches between adjacent fasteners. Panel side seams shall be sealed with 3/16" x 1/4" wide butyl based polymer tape mastic.
- 4. The maximum wall panel span is 5'-0".
- 5. Using the more critical of the panel's maximum allowable structural properties, bending moment, maximum allowed fastener load, or L/240 deflection, the following equations define allowable wind pressure/suction for the support spacing. Support spacing must be selected from these equations to comply with the wind pressures specified in the 2023 Florida Building Code. A

ALLOW PANEL STRENGTH AND LIMITATIONS:

Minimum Panel Thickness:	0.023" (Base Material)	
Minimum Panel Yield Strength:	53.0 ksi	
ASD Panel Bending at Supports:	$M_a = \pm 1.238$ k-in.	per ft. width of panel
ASD Panel Bending between Supports:	$M_a = \pm 0.693$ k-in.	per ft. width of panel
ASD Panel Shear:	V _a = ± 0.157 k	per ft. width of panel
ASD Interior Reaction:	R _{a int.} = ± 0.295 k	per ft. width of panel
ASD Exterior Reaction:	$R_{a ext.} = \pm 0.101 k$	per ft. width of panel
Deflection-Suction Loads:	$(EI)_{suction} = 1364 \text{ k-in.}^2$	per ft. width of panel
Deflection-Pressure Loads:	(EI) _{pressure} = 784 k-in. ²	per ft. width of panel
Minimum Support Thickness:	0.060 in.	
Maximum Support Spacing:	5.0 ft.	

PRODUCT RENEWED as complying with the Florida Building Code 12.06 10/2030

