

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

American Panel Corporation 5800 S.E. 78th Street Ocala, Florida 34472

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: Walk-In Cooler / Freezer

APPROVAL DOCUMENT: Drawing No. KC23-0912, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated October 31, 2023, last revision #0 dated October 31, 2023, signed and sealed by J. W. Knezevich, P.E., bearing the Miami-Dade County Product Control Revision 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 unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 revises NOA #22-0602.03 and consists of this page 1, evidence submitted pages E-1, E-2, E-3 & E-4 as well as approval document mentioned above.

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



HelzA. Mehr 03/21/24

NOA No. 23-1107.06 Expiration Date: 08/30/2027 Approval Date: 03/21/2024 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0301.04 A. DRAWINGS

1. Drawing No. 06-541, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Thornton Tomasetti, dated February 15, 2007, last revision #1 dated July 17, 2007, signed and sealed by J. W. Knezevich, P.E.

B. TESTS

1. Test report on Uniform Static air Pressure Test, Large Missile Impact Test, Cyclic Load Test, and Racking Load Test on Galvanized Steel Sheathed Polyurethane Foam Filled Modular Panel Walk-in Coolers / Freezers, prepared by Construction Testing Corporation, Report No. 06-018, dated 01/15/2007, signed and sealed by Yamil Kuri, P.E.

C. CALCULATIONS

1. Calculation titled "Walk-In Cooler/Freezer Calculations", dated February 15, 2007, sheets 1 through 22 of 22, prepared by Thornton Tomasetti, signed and sealed by J. W. Knezevich, P.E.

D. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. Tensile Test by Certified Testing Laboratories, Report # 198, dated 01/05/07, signed and sealed by Ramesh Patel, P.E.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-0516.18

A. DRAWINGS

1. Drawing No. 12-APC-01, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated May 14, 2012, signed and sealed by J. W. Knezevich, P.E., on May 14, 2012.

B. TESTS

1. None.

C. CALCULATIONS

- 1. None.
- D. QUALITY ASSURANCE
 - 1. By 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. 23-1107.06 Expiration Date: 08/30/2027 Approval Date: 03/21/2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0629.08

A. DRAWINGS

1. Drawing No. KC15-0405, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated June 24, 2015, signed and sealed by J. W. Knezevich, P.E., on June 24, 2015.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-0413.05

A. DRAWINGS

- 1. Drawing No. KC15-0405, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated 06/24/2015, revision #1 dated 04/07/2017, signed and sealed by J. W. Knezevich, P.E., on 04/10/2017.
- B. TESTS
 - 1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-0724.08

A. DRAWINGS

- 1. Drawing No. KC17-0714, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated July 17, 2017, signed and sealed by J. W. Knezevich, P.E., on July 17, 2017.
- B. TESTS

1. None.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor NOA No. 23-1107.06 Expiration Date: 08/30/2027 Approval Date: 03/21/2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

- 1. None.
- **D. QUALITY ASSURANCE** 1. By Miami-Dade County Department of Regulatory and Economic Resources.
- E. MATERIAL CERTIFICATIONS 1. None.

F. STATEMENTS

1. Florida Building Code, 2017 Edition compliance letter issued by Knezevich Consulting, LLC, dated July 17, 2017, signed and sealed by J. W. Knezevich, P.E.

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-0811.20

A. DRAWINGS

1. Drawing No. KC20-0722, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated July 21, 2020, last revision #1 dated August 27, 2020, signed and sealed by J. W. Knezevich, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. FBC, 2017 & 2020 Editions compliance letter issued by Knezevich Consulting, LLC, dated August 27, 2020, signed and sealed by J. W. Knezevich, P.E.

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 22-0602.03

A. DRAWINGS

- 1. None.
- B. TESTS
 - 1. None.
- C. CALCULATIONS

1. None.

Ffelmy A. Makar, P.E., M.S. Product Control Section Supervisor NOA No. 23-1107.06 Expiration Date: 08/30/2027 Approval Date: 03/21/2024

American Panel Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS 1. None.

F. STATEMENTS

1. FBC, 2017 & 2020 Editions compliance letter issued by Knezevich Consulting, LLC, dated August 27, 2020, signed and sealed by J. W. Knezevich, P.E.

8. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. KC23-0912, titled "Walk-In Cooler / Freezer", sheets 1 through 5 of 5, prepared by Knezevich Consulting, LLC, dated October 31, 2023, last revision #0 dated October 31, 2023, signed and sealed by J. W. Knezevich, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

- **D. QUALITY ASSURANCE** 1. By Miami-Dade County Department of Regulatory and Economic Resources.
- E. MATERIAL CERTIFICATIONS 1. None.

F. STATEMENTS

1. FBC 2023, 8th Edition Compliance letter issued by Knezevich Consulting, LLC, dated October 31, 2023, signed and sealed by J. W. Knezevich, P.E.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor NOA No. 23-1107.06 Expiration Date: 08/30/2027 Approval Date: 03/21/2024

General Notes:

- These Product Evaluation Documents represent a Walk-In Cooler/Freezer system analyzed with the provisions set for the issuance of a Notice of Acceptance (NOA) by the Miami-Dade Department of Regulatory and Economic Resources, Product Control Section. This document complies with the 8th Edition (2023) Florida Building Code, Building (FBC), High Velocity Hurricane Zone (HVHZ) provisions.
- For areas outside of the HVHZ, site specific engineering is required to verify the site specific design wind loads and panel testing comply with the testing requirements of FBC Section 1709.3.
- These Product Evaluation Documents address the structural requirements for compliance with the structural portions of the noted codes. Mechanical, electrical and waterproofing requirements are not part of the evaluation. Specific use of the evaluation requires the Architect or Engineer of Record to address the Mechanical. electrical, and waterproofing requirements for the installation.

Design Loads:

Α.	Roof:

А.	A. ROOI:			
	A.1.	Dead Load:	5.0 psf	
	A.2.	Live Load:	30.0 psf	
	A.3.	Mechanical Equipment:	330 lbs maximum, provide minimum 4'-0"	
	spacing.		395 ·	
Β.	Walls:			
	B.1.	Dead Load: Wall Panel	2.6 psf	
C.	C. Floors:			
	C 1	Dead Load: Floor Panel	4 0 psf	

- C.1. Dead Load: Floor Panel 4.0 psf
- C.2. Live Load: Insulated Floor 250.0 psf
- D. Wind loads shall be determined in accordance with the code provisions at the time of permit based on the site specific conditions. See Tables 2 & 3 on Sheet 2 for ASD wind loads used in the design outlined within these documents. These ASD loads and forces are based on wind load resistance testing. Wind loads determined in accordance with FBC Section 1620 shall be multiplied by the ASD load factor of 0.6 for comparison with the allowable loads on these documents.
- These approval documents are generic and do not include information for site specific application of this Walk-In Cooler/Freezer system.
- These documents represent the structural and material requirements of the Walk-In 6. Cooler/Freezer structure. These approval documents shall not be applied by the Contractor on a specific site without the involvement of an Architect or Engineer of Record (A/E of Record). The A/E of Record shall be responsible for compliance with the code requirements of a specific installation including but not limited to the following:
 - A. Verify the site specific wind load requirements are within the criteria used to develop these documents and the unit is configured in compliance with the limitations herein.
 - B. Verify the foundation design is adequate to resist the foundation loads identified in Table 1.
 - C. Verify the existing building is adequate to resist the superimposed loads identified in Table 1.
 - D. Weather protection, architectural, mechanical, and electrical requirements are outside the scope of these documents. Determine and/or provide for compliance with the requirements of the Authority Having Jurisdiction.
- Any modifications or additions to these Product Evaluation Documents will void the Product Evaluation Documents.
- When the site conditions deviate from these approval documents, the Building Official shall require that a one-time site specific approval be applied for and secured from the Miami-Dade County Department of Regulatory and Economic Resources, Product Control Section.
- All bolts and screws shall be 2024-T4 aluminum alloy, electro-galvanized steel, hot 9 dipped galvanized steel or 300 series stainless steel with a min. tensile strength of 60 ksi.
- 10. Concrete anchors shall be as specified on the drawings and are for use in uncracked concrete only with a min f'c = 3 ksi. Embedment lengths noted on the drawings shall not include finish material.
- 11. An allowable stress increase is not used in the design of the cooler/freezer unit nor its attachments.
- 12. Dissimilar metals in contact with aluminum shall be protected in accordance with the Aluminum Design Manual, 2020, Chapter M.7.











