



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
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)

Palram Americas, Inc.
9735 Commerce Circle
Kutztown, PA 19530

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: 0.031” (min.) Corrugated Polycarbonate Panel for Canopy

APPROVAL DOCUMENT: Drawing No. 23-107, titled “Canopy Panel 0.031” Corrugated Polycarbonate Panel”, sheet 1 of 1, dated July 14, 2023, prepared by PPMF Inc., signed and sealed by Pedro De Figueiredo, P.E., on July 14, 2023, 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: None

LABELING: Each panel 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 and renews** NOA #20-0925.01 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.**



Helmy A. Makar
10/12/2023

NOA No. 23-0815.22
Expiration Date: 08/28/2028
Approval Date: 10/12/2023
Page 1

Palram Americas, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #08-0709.14

A. DRAWINGS

1. *Drawing No. 08-122, titled " Corrugated Polycarbonate Canopy Panel ", sheet 1 of 1, dated 06/27/2008, prepared by Knezevich Associates Consulting Engineers, signed and sealed by V.J. Knezevich, P.E., on 06/27/2008.*

B. TESTS

1. *Test report on Uniform Static Air Pressure Test on a Corrugated Polycarbonate Panel for Canopy, prepared by Construction Testing Corporation, Report No. 08-011, dated June 23, 2008, signed and sealed by Yamil G. Yuri, P.E.*

C. CALCULATIONS

1. *Calculations titled "Corrugated Polycarbonate Panel, dated June 30, 2008, pages 1 through 24, prepared by Knezevich Associates Consulting Engineers, signed and sealed by V.J. Knezevich, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATION:

1. *None.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #12-0110.03

A. DRAWINGS

1. *Drawing No. 12-102, titled " Corrugated Polycarbonate Canopy Panel ", sheet 1 of 1, dated 01/04/2012, prepared by Knezevich Associates Consulting Engineers, signed and sealed by V.J. Knezevich, P.E., on 01/04/2012.*

B. TESTS

1. *None.*

C. CALCULATIONS


1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

E. MATERIAL CERTIFICATION:

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #13-0418.05

A. DRAWINGS

1. *Drawing No. 12-102, titled "Corrugated Polycarbonate Canopy Panel", sheet 1 of 1, dated 01/04/2012, last revision #1 dated April 09, 2013, prepared by Knezevich Associates Consulting Engineers, signed and sealed by V.J. 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 CERTIFICATION:

1. *None.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #15-1207.08

A. DRAWINGS

1. *Drawing No. KC15-0806, titled "Corrugated Polycarbonate Canopy Panel", sheet 1 of 1, dated October 19, 2015, prepared by Knezevich Consulting, LLC, signed and sealed by J.W. Knezevich, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculations titled "Corrugated Polycarbonate Panel, dated 11/30/2015, 1 page, prepared by Knezevich Consulting, LLC, signed and sealed by J.W. Knezevich, P.E.*

D. QUALITY ASSURANCE

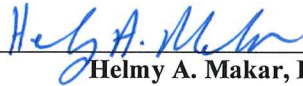
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION

1. *None.*

F. STATEMENTS

1. *Letter of compliance with the Florida Building Code 2014 Edition, issued by Knezevich Consulting, LLC, dated November 30, 2015, signed and sealed by J.W. Knezevich, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-0328.03

A. DRAWINGS

1. *Drawing No. KC18-0219, titled " Corrugated Polycarbonate Canopy Panel ", sheet 1 of 1, dated March 26, 2018, prepared by Knezevich Consulting, LLC, 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 CERTIFICATION

1. *None.*

F. STATEMENTS

1. *Florida Building Code 2017 Edition compliance letter issued by Knezevich Consulting, LLC, dated 03/26/2018, signed and sealed by J.W. Knezevich, P.E.*

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-0925.01

A. DRAWINGS

1. *Dwg. #20-128, titled Corrugated Polycarbonate Canopy Panel, sheet 1 of 1, dated 09/04/20, issued by Engco, Inc., signed & sealed by Pedro De Figueiredo, P.E*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculations titled "Corrugated Polycarbonate Panel, dated 09/07/2020, 1 page, prepared by Engco, Inc., signed and sealed by Pedro De Figueiredo, P.E.*

D. QUALITY ASSURANCE


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

E. MATERIAL CERTIFICATION

1. *None.*

F. STATEMENTS

1. *Florida Building Code 2020 Edition compliance letter issued by Engco, Inc., dated 09/07/2020, signed and sealed by Pedro De Figueiredo, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-0815.22
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Palram Americas, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 23-107, titled "Canopy Panel 0.031" Corrugated Polycarbonate Panel", sheet 1 of 1, dated July 14, 2023, prepared by PPMF Inc., signed and sealed by Pedro De Figueiredo, P.E., on July 14, 2023.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE


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

E. MATERIAL CERTIFICATION

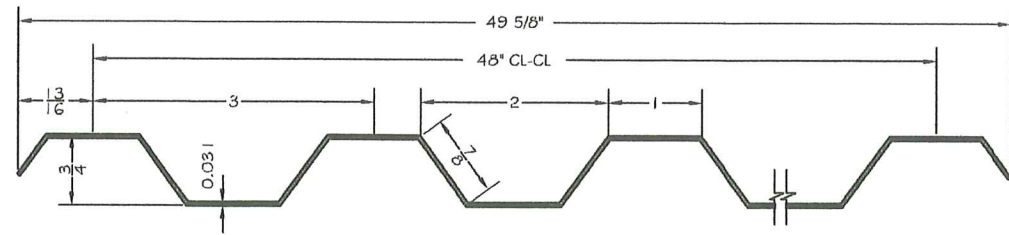
1. *None.*

F. STATEMENTS

1. *Florida Building Code 2020 Edition and 2023 Edition compliance letter issued by PPMF Inc., dated 07/14/2023, signed and sealed by Pedro De Figueiredo, P.E.*



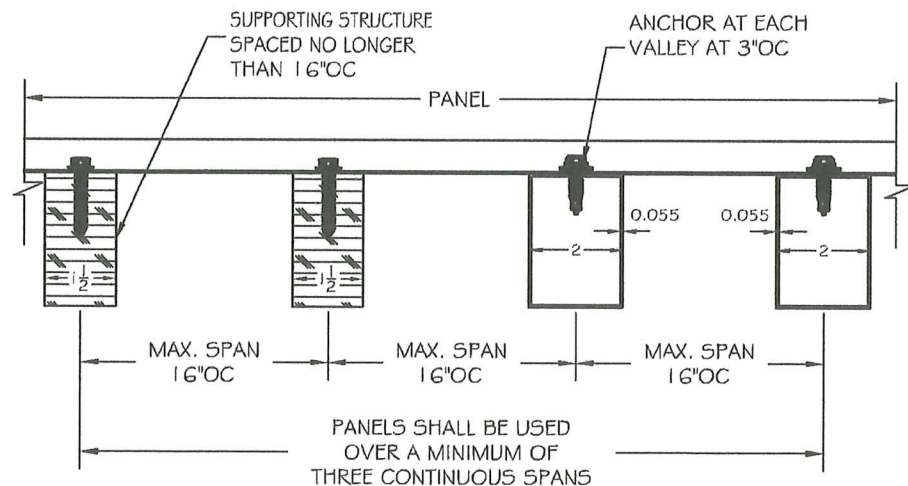
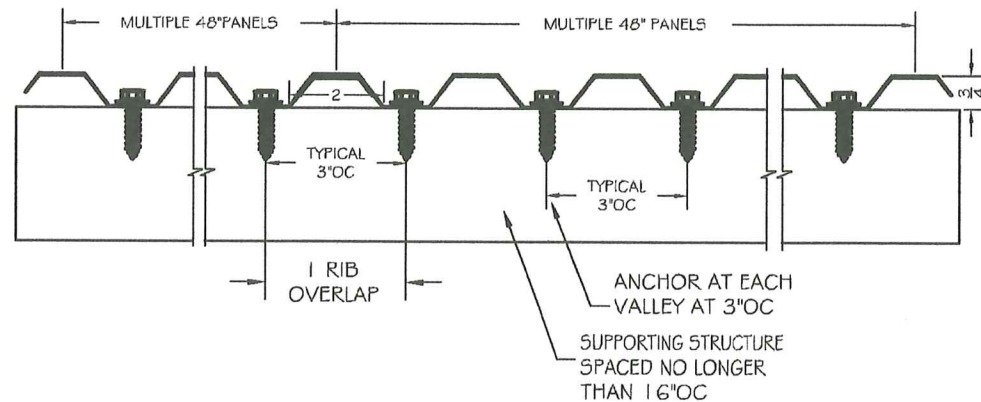
Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 23-0815.22
Expiration Date: 08/28/2028
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1- 48" NOMINAL CORRUGATED POLYCARBONATE CANOPY PANEL "GRECA"

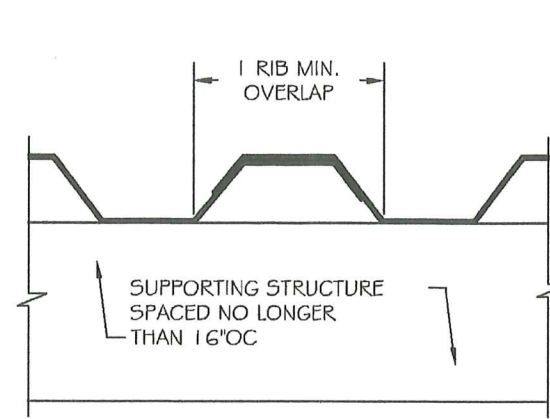
MAXIMUM ALLOWABLE CANOPY PANEL LOADS ARE BASED ON TAS 202 TESTS PERFORMED USING SAFETY FACTOR OF 3 FOR POSITIVE LOADS AND SAFETY FACTOR OF 2 FOR NEGATIVE LOADS

3- ANCHORAGE TO THE STRUCTURE

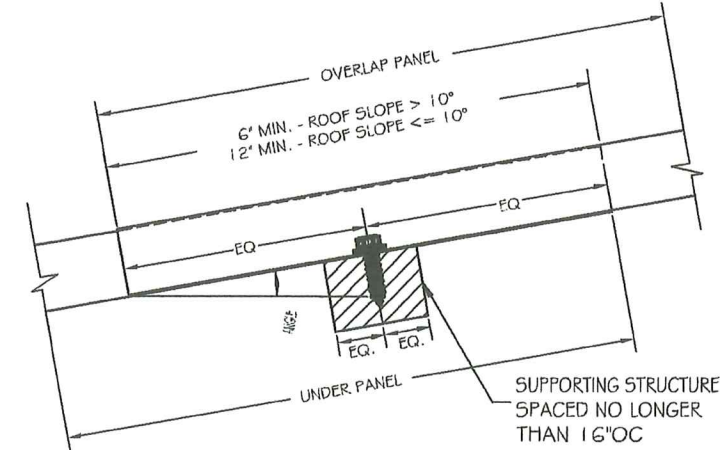


ANCHORS:

- A- #12-14X1" HH 5MS 304 SS W/ 1/16X1/2" SS WASHER WITH NEOPRENE GASKET INTO 0.055" 6063-T5 ALUMINUM TUBE BEAM WITH MIN. 2" FLANGE
- B- #10-12X1 1/2" HH SS WOOD SCREWS W/ 1/16X1/2" SS WASHER WITH NEOPRENE GASKET 1 3/8" PENETRATION INTO 2X WOOD MEMBER (SG>-0.42)



2- SIDE LAP BETWEEN PURLIN MINIMUM 1 RIB



4- END LAP
MIN. 6" FOR ROOF SLOPE GREATER THAN 10 DEGREES
MIN. 12" FOR ROOF SLOPE LESSER OR EQUAL 10 DEGREES
MINIMUM ROOF PITCH OF 1/4" PER FOOT FOR DRAINAGE

GENERAL NOTES - FBC 2023 - 8TH EDITION:

1- THIS PRODUCT EVALUATION DOCUMENT REPRESENT A CANOPY PANEL SYSTEM ANALYZED WITH PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES, PRODUCT CONTROL SECTION. THESE DOCUMENTS COMPLY WITH THE FLORIDA BUILDING CODE 2023 - 8TH EDITION, HIGH VELOCITY HURRICANE ZONE PROVISIONS

2- THIS PRODUCT IS DESIGNED AND TESTED TO COMPLY WITH THE FOLLOWING ASD DESIGNED LOADS:

DEFLECTION CRITERIA	L/80	L/180
LIVE LOAD	+30.0 PSF	+30.0 PSF
POS. WIND LOAD	+57.2 PSF	+33.8 PSF
NEG. WIND LOAD	-86.8 PSF	-33.8 PSF

PRODUCT IS NOT IMPACT RATED, THEREFORE NOT TO BE USED AS PART OF THE BUILDING ENVELOPE

3- LOADS: A PROJECT DESIGN PRESSURES, DETERMINED FROM SECTION 1620 AND ASCE 7-22, SHALL BE PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER. ALLOWABLE LOADS SHOWN HERE ARE BASED ON TESTING. ULTIMATE WIND LOADS CALCULATED PER ASCE 7-22 SHALL BE MULTIPLIED BY 0.6 WHEN REFERENCING THESE DOCUMENTS.

4- LABEL: EACH PANEL MUST BE LABELED:

PALRAM AMERICAS, INC. - KUTZTOWN, PA
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED"

5- THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT INCLUDE INFORMATION FOR A SITE SPECIFIC APPLICATION. THE SUPPORTING STRUCTURE SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR ADEQUACY IN SUSTAINING THE PRODUCT IMPOSED LOADS AS WELL AS THE PROPER ANCHORAGE SPECS LISTED HERE.

6- MATERIAL:

6.1- CANOPY PANELS ARE MADE OF 48" COVERAGE CORRUGATED POLYCARBONATE SHEET WITH PROFILE AS MARKED #1 ON THIS PAGE. POLYCARBONATE SHALL BE AN APPROVED PLASTIC AS PER NOA# 20-0828.02 OR LATEST REVISION IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

6.2- FASTENERS: ANCHORS SHALL BE AS SPECIFIED BY THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND ANY WALL DRESSING. ANCHORS ARE ANALYZED WITH NO ALLOWABLE STRESS INCREASE.



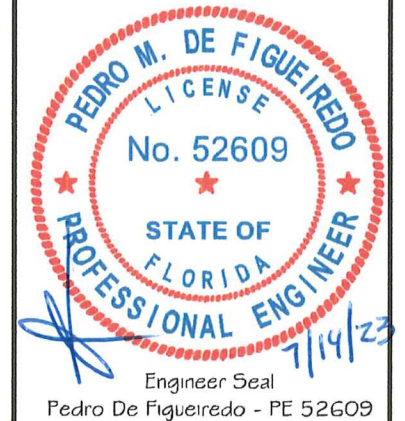
MANUFACTURER:
PALRAM AMERICAS, INC.
9735 COMMERCE CIRCLE
KUTZTOWN, PA 19530
PHONE: (610) 285-9918
PHONE: (800) 999-9459
FAX: (610) 285-2859
WWW.PALRAMAMERICAS.COM

PRODUCT:

CANOPY PANEL
0.031" CORRUGATED
POLYCARBONATE PANEL

ENGINEERING:

PPMF INC. CA 32459
9715 W. BROWARD BLVD. 247
PLANTATION, FL. 33324
PPMF@AOL.COM



MIAMI-DADE BCCO:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 23-0815.22
Expiration Date 08/28/2028
By Heff J. Miller
Miami Dade Product Control

DATE: 07/14/2023
SCALE: NA
DESIGN BY: PPMF

SHEET
1 OF 1

DRAWING #:
23-107