



**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](http://www.miamidade.gov/economy)

**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 Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Corrugated and Flat Polycarbonate Panels**

**APPROVAL DOCUMENT:** Drawing No. **KC18-0218**, titled "Polycarbonate Panel", sheet 1 of 1, dated 10/19/2015, with revision **0** dated 03/26/2018, prepared by Knezevich Consulting, LLC, signed and sealed by John W. Knezevich, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration 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, model/ series, and 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 # 15-1207.07** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*Handwritten signature and date: 05/18/2018*

**NOA No. 18-0328.02  
Expiration Date: January 22, 2021  
Approval Date: May 24, 2018  
Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOAs**

**A. DRAWINGS “Submitted under NOA # 15-1207.07”**

1. Drawing No. **KC15-0805**, titled “Polycarbonate Panel”, sheet 1 of 1, dated 10/19/2015, prepared by Knezevich Consulting, LLC, signed and sealed by John W. Knezevich, P.E.

**B. TESTS “Submitted under NOA # 00-1226.02 & 05-0907.03”**

	<b>Laboratory</b>	<b>Test</b>	<b>Date</b>	<b>Signature</b>
1.	SGS 369159-4	ASTM E 84	08/22/05	J. Lomash
2.	SGS 170558-7	ASTM E 84	09/23/02	G. Banasky
3.	SGS 170558-2	ASTM E 84	09/23/02	G. Banasky
4.	SGS 170558-10	ASTM D 635	09/23/02	G. Banasky
5.	SGS 170558-12	ASTM D 635	09/23/02	G. Banasky
6.	SGS 369159-1	ASTM D 635	08/22/05	J. Lomash
7.	SGS 155380-10	ASTM D 1929	05/29/01	D. Lepore
8.	SGS 528768	ASTM D 1929	02/06/06	J. Lomash
9.	Celotex MTS # 258188A	ASTM D 1929	07/28/97	R.G. Miller, P.E.
10.	Celotex MTS # 258188B	ASTM D 635	07/28/97	R.G. Miller, P.E.
11.	Celotex MTS # 258188C	ASTM E 84	07/18/97	R.G. Miller, P.E.
12.	Celotex MTS # 257933	ASTM D 638 & G26	09/12/97	R.G. Miller, 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 “Submitted under NOA # 15-1207.07”**

1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC issued by Knezevich Consulting, LLC, dated 11/30/2015, signed and sealed by John W. Knezevich, P.E.
2. Statement letter of no financial interest issued by Knezevich Consulting, LLC, dated 11/30/2015, signed and sealed by John W. Knezevich, P.E.
3. Standards’ equivalency letter issued by Knezevich Consulting, LLC, dated 11/30/2015, signed and sealed by John W. Knezevich, P.E.



**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 18-0328.02**  
**Expiration Date: January 22, 2021**  
**Approval Date: May 24, 2018**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **KC18-0218**, titled "Polycarbonate Panel", sheet 1 of 1, dated 10/19/2015, with revision **0** dated 03/26/2018, prepared by Knezevich Consulting, LLC, signed and sealed by John W. Knezevich, P.E.

**B. TESTS**

1. None.

**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. Statement letter of code conformance to the 6<sup>th</sup> Edition (2017) FBC issued by Knezevich Consulting, LLC, dated 03/26/2018, signed and sealed by John W. Knezevich, P.E.



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**Carlos M. Utrera, P.E.**  
**Product Control Examiner**  
**NOA No. 18-0328.02**  
**Expiration Date: January 22, 2021**  
**Approval Date: May 24, 2018**

POLYCARBONATE PANELS MANUFACTURED BY PALRAM AMERICAS INC.					
TRADE NAME	MATERIAL THICKNESS	FLAT OR CORRUGATED	TEST DESIGNATION	TEST PARAMETER	MATERIAL PROPERTIES
SUNTUF / SUNSKY / DYNAGLAS	0.8 MM	CORRUGATED	ASTM E84	FLAME SPREAD INDEX	10
SUNTUF / SUNSKY / DYNAGLAS	0.8 MM	CORRUGATED	ASTM E84	SMOKE DEVELOPED VALUE	130
PALTUF / PALSUN	3 MM	FLAT	ASTM E84	FLAME SPREAD	60
PALTUF / PALSUN	3 MM	FLAT	ASTM E84	SMOKE DENSITY	<450
PALTUF / PALSUN	12 MM	FLAT	ASTM E84	FLAME SPREAD	45
PALTUF / PALSUN	12 MM	FLAT	ASTM E84	SMOKE DENSITY	<450
SUNTUF / SUNSKY / DYNAGLAS	0.8 MM	CORRUGATED	ASTM D635	AVERAGE BURNING TIME	155 SEC.
SUNTUF / SUNSKY / DYNAGLAS	0.8 MM	CORRUGATED	ASTM D635	AVERAGE BURNING LENGTH	69.3 MM
SUNTUF / SUNSKY / DYNAGLAS	0.8 MM	CORRUGATED	ASTM D635	BURN RATE	28.0 MM/MIN.
PALTUF / PALSUN	3 MM	FLAT	ASTM D635	AVERAGE TIME OF BURNING	8.4 SEC.
PALTUF / PALSUN	3 MM	FLAT	ASTM D635	AVERAGE EXTENT OF BURNING	21.9 MM
PALTUF / PALSUN	12 MM	FLAT	ASTM D635	AVERAGE TIME OF BURNING	12.8 SEC.
PALTUF / PALSUN	12 MM	FLAT	ASTM D635	AVERAGE EXTENT OF BURNING	10.3 MM
SUNTUF / SUNSKY / DYNAGLAS / PALTUF / PALSUN	0.8 MM	FLAT	ASTM D1929	SELF IGNITION TEMPERATURE	1,162 °F
SUNTUF / SUNSKY / DYNAGLAS / PALTUF / PALSUN	0.8 MM	FLAT	ASTM D1929	FLASH IGNITION TEMPERATURE	982 °F

**GENERAL NOTES:**

1. This Product Evaluation Document represents a polycarbonate panel evaluated with the provisions set for the issuance of a Notice of Acceptance (NOA) by Miami-Dade County Department of Regulatory and Economic Resources, Product Control Section. These panels as manufactured by Palram Americas Inc. comply with the High Velocity Hurricane Zone provisions of the 2017 Florida Building Code, 6th Edition (FBC), Section 2615 for plastics.
2. Polycarbonate panels shall be 0.8 mm or thicker, solid clear panels, flat or corrugated, with no surface finish.
3. This Product Evaluation Document addresses the requirements of the polycarbonate panel as an "Approved Plastic". Specific use of this panel shall comply with the FBC. Any exterior envelope use shall require a Notice of Acceptance (NOA) addressing the specific use.
4. Table 1 provides material properties as required to comply with Chapter 26 of the FBC. Reference specific code requirements based on use to evaluate material compliance.
5. Table 2 references the tensile testing on controlled and weathered specimens per ASTM D638. Results are within ± 10% in accordance with FBC Section 2615.2.2.c and Miami-Dade Checklist #0445.
6. The following product trade names are used to describe this product: Suntuf, Sunsky, Dynaglas, Paltuf, and Palsun.

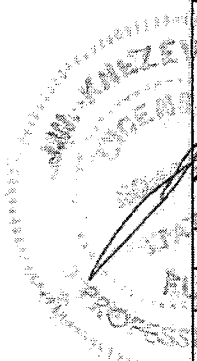
AVERAGE YIELD TENSILE STRENGTH PER ASTM D-638		
PLASTIC SPECIMEN	BEFORE WEATHERING (PSI)	AFTER WEATHERING (PSI)
0.8 mm Clear Corrugated	9,240	9,270
0.8 mm Clear Flat	9,710	8,940
3.0 mm Clear Flat	9,660	9,090

**KNEZEVICH CONSULTING**  
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**Polycarbonate Panel**  
**PALRAM Americas Inc.**  
 9735 Commerce Circle  
 Arcadia West Industrial Park  
 Kutztown, PA 19530, USA  
 Tel: (1) 610-285-9918  
 Fax: (1) 610-285-9928

no.	date	by	description
0	03/26/18	JWK	PREVIOUSLY DRAWING NUMBER KC18-005

**J.W. Knezevich**  
 Professional Engineer  
 FL License No.: PE 41961



**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 NOA-No. **18-0328.02**  
 Expiration Date **01/22/2021**  
 By *[Signature]*  
 Miami-Dade Product Control

3/26/18  
 drawn by JWK scale AS NOTED  
 date 03/26/2018  
 drawing no. **KC18-0218**  
 sheet 1 of 1