



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.miamidadecounty.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. **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., bearing the Miami-Dade County Product Control renewal 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 **renews NOA # 12-0110.04** and 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.**



CUtrera
02/25/2016

NOA No. 15-1207.07
Expiration Date: January 22, 2021
Approval Date: March 3, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

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"

	Laboratory	Test	Date	Signature
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

1. Statement letter of code conformance to the 5th 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.


02/25/2016

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-1207.07
Expiration Date: January 22, 2021
Approval Date: March 3, 2016

Table 1

POLYCARBONATE PANELS MANUFACTURED BY PALRAM AMERICAS, INC.					
Trade Name	Material Thickness	Flat or Corrugated	Test Designation	Test Parameter	Material Properties
Suntuf Sunsy Dynaglas	0.8 mm	Corrugated	ASTM E84	Flame Spread Index	10
Suntuf Sunsy Dynaglas	0.8 mm	Corrugated	ASTM E84	Smoke Developed Index	130
Paltuf Palsun	3.0 mm	Flat	ASTM E84	Flame Spread Index	60
Paltuf Palsun	3.0 mm	Flat	ASTM E84	Smoke Developed Index	< 450
Paltuf Palsun	12.0 mm	Flat	ASTM E84	Flame Spread Index	45
Paltuf Palsun	12.0 mm	Flat	ASTM E84	Smoke Developed Index	< 450
Suntuf Sunsy Dynaglas	0.8 mm	Corrugated	ASTM D635	Average Burning Time	155 sec
Suntuf Sunsy Dynaglas	0.8 mm	Corrugated	ASTM D635	Average Burning Length	69.3 mm
Suntuf Sunsy Dynaglas	0.8 mm	Corrugated	ASTM D635	Average Burn Rate	28.0 mm/min
Paltuf Palsun	3.0 mm	Flat	ASTM D635	Average Time of Burning	8.4 sec
Paltuf Palsun	3.0 mm	Flat	ASTM D635	Average Extent of Burning	21.9 mm
Paltuf Palsun	12.0 mm	Flat	ASTM D635	Average Time of Burning	12.8 sec
Paltuf Palsun	12.0 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 5th Edition (2014) Florida Building Code (FBC), Section 2614 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 2 references the tensile testing on controlled and weathered specimens per ASTM D638. Results are within ± 10% in accordance with FBC Section 2614.2.2.c and Miami-Dade Checklist #0445.
5. The following product tradenames are used to describe this product: Suntuf, Sunsky, Dynaglas, Paltuf, and Palsun.

Table 2

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
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Arcadia West Industrial Park
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Revisions					

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

Scale: none
Drawn by: JWK
Date: 10/19/2015
Drawing No.
KC15-0805
Sheet 1 of 1

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 15-1207.07
Expiration Date 01/22/2021
By *[Signature]*
Miami Dade Product Control