



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Palram Americas Inc.
9735 Commerce Circle
Arcadia West Industrial Park
Kutztown, PA 18040**

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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. 06-330, Sheets 1 of 1, titled "Polycarbonate Panel" dated 06/09/06, prepared by Thornton-Tomasetti Group, signed and sealed by J. W. Knezevich, PE. 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 Division.

MISSILE IMPACT RATING: None

LABELING: Each polycarbonate sheet shall bear a permanent label with the manufacturer's name or logo, city state and the following statement: "Miami-Dade County Product Control Approved or MDCPCA" 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.

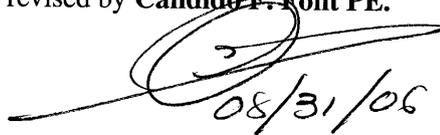
TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this 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 # 00-1226.02 and consists of this page, evidence page as well as approval document mentioned above.

The submitted documentation was revised by **Candido F. Font PE.**


08/31/06



**NOA No: 05-0907.03
Expiration Date: January 22, 2011
Approval Date: August 31, 2006
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. Drawing No.06-330 sheets 1 of 1, titled "Polycarbonate Panels," dated 06/0906 prepared by Thornton-Tomasetti Group, signed and sealed by J. W. Knezevich, P.E.

B. TESTS

	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	MTS 258188A, B & C	ASTM D 1929	07/28/97	R. G. Miller, P.E.
8	SGS 155380	ASTM D 1929	05/29/01	D. Lepore.
9	SGS 528768	ASTM D 1929	02/06/06	J. Lomash
10	ETC 99-191-8448.0	ASTM D1929	10/21/99	J. L. Doldan, PE
11	OMEGA 15542-105301	ASTM E 84	08/10/99	J. W. Dougherty PE
12	OMEGA 15542-105563	ASTM E 84	10/20/991	J. W. Dougherty
13	ETC 98-191-5523.0	ASTM G 26 & C 158	05/11/99	J. L. Doldan, PE

C. MATERIAL CERTIFICATION

N/A

D. QUALITY ASSURANCE.

1. Miami-Dade County Product Control Division.

E. CALCULATIONS

N/A

F. STATEMENTS

1. Manufacturer/ Distributor agreement issued by Paltough LTD and Suntuf Inc. notarized by S. J. Gallagher on 06/30/97 and signed by S. K. Croce (Paltough) and A. Netzer (Suntuf).
2. Corporation change name from Suntuf Inc to Palram Americas Inc. signed by A. Netzer on 01/11/04.
3. No change letter issued by Palram Americas Inc. on 02/03/06 and signed by D. Olson.
4. No change letter issued by Suntuf Inc. on 08/30/00 and signed by O. Yaniv.



Candido F. Font PE.

Sr. Product Control Examiner

NOA No 05-0907.03

Expiration Date: January 22, 2011

Approval Date: August 31, 2006

GENERAL NOTES:

1. POLYCARBONATE PANEL AS MANUFACTURED BY PALRAM AMERICAS INC. COMPLIES AS AN APPROVED PLASTIC WITH THE REQUIREMENTS OF SECTION 2612.2 OF THE FLORIDA BUILDING CODE (FBC) 2004 EDITION WITH 2005 SUPPLEMENT AND HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS.
2. POLYCARBONATE PANEL SHALL BE 0.8 MM OR THICKER, SOLID CLEAR PANELS, FLAT OR CORRUGATED, WITH NO SURFACE FINISH.
3. THIS DOCUMENT ADDRESSES THE REQUIREMENTS OF THE POLYCARBONATE PANEL AS AN "APPROVED PLASTIC". SPECIFIC USE OF THIS 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 BEFORE AND AFTER TENSILE STRENGTH TESTING PERFORMED IN LIEU OF THE IMPACT TESTING REFERENCED IN SECTION 2612.2 (2b) OF THE FBC. RESULTS WITHIN ±10% INDICATE COMPLIANCE WITH THE OUTDOOR EXPOSURE REQUIREMENTS IN ACCORDANCE WITH MIAMI-DADE COUNTY CHECKLIST #0445 FOR THE APPROVAL OF PLASTIC AND FOAM PLASTIC.
5. THE FOLLOWING PRODUCTS ARE APPROVED UNDER THIS NOA: SUNTUF, SUNSKY, DYNAGLAS, PALTUF AND PALSUN.

AVERAGE YIELD TENSILE STRENGTH AS PER ASTM D-638		
PLASTIC SPECIMEN	* BEFORE WEATHERING (PSI)	AFTER WEATHERING (PSI)
3.0 MM CLEAR FLAT	9,660 ✓	9,090 ✓
0.8 MM CLEAR CORRUGATED	9,240 ✓	9,270 ✓
0.8 MM CLEAR FLAT	9,710 ✓	8,940 ✓

* WEATHERING WAS PERFORMED PER SECTION 2612.2 OF 2004 FLORIDA BUILDING CODE.

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 E 84-'04	FLAME SPREAD INDEX	10 ✓	
SUNTUF / SUNSKY / DYNAGLAS	0.8 MM	CORRUGATED	ASTM E 84-'04	SMOKE DEVELOPED VALUE	130 ✓	
PALTUF / PALSUN	3 MM	FLAT	ASTM E 84-'01	FLAME SPREAD	60 ✓	
PALTUF / PALSUN	3 MM	FLAT	ASTM E 84-'01	SMOKE DENSITY	<450 ✓	
PALTUF / PALSUN	12 MM	FLAT	ASTM E 84-'01	FLAME SPREAD	45 ✓	
PALTUF / PALSUN	12 MM	FLAT	ASTM E 84-'01	SMOKE DENSITY	<450 ✓	
SUNTUF / SUNSKY / DYNAGLAS	0.8 MM	CORRUGATED	ASTM D 635-'03	AVERAGE BURNING TIME	155 SEC. ✓	
SUNTUF / SUNSKY / DYNAGLAS	0.8 MM	CORRUGATED	ASTM D 635-'03	AVERAGE BURNING LENGTH	69.3 MM ✓	
SUNTUF / SUNSKY / DYNAGLAS	0.8 MM	CORRUGATED	ASTM D 635-'03	BURN RATE	28.0 MM/MIN. ✓	
PALTUF / PALSUN	3 MM	FLAT	ASTM D 635-'74	AVERAGE TIME OF BURNING	8.4 SEC. ✓	
PALTUF / PALSUN	3 MM	FLAT	ASTM D 635-'74	AVERAGE EXTENT OF BURNING	21.9 MM ✓	
PALTUF / PALSUN	12 MM	FLAT	ASTM D 635-'74	AVERAGE TIME OF BURNING	12.8 SEC. ✓	
PALTUF / PALSUN	12 MM	FLAT	ASTM D 635-'74	AVERAGE EXTENT OF BURNING	10.3 MM ✓	
SUNTUF / SUNSKY / DYNAGLAS / PALTUF / PALSUN	0.8 MM	FLAT	ASTM D 1929-'96	SELF IGNITION TEMPERATURE	1,162 °F ✓	
SUNTUF / SUNSKY / DYNAGLAS / PALTUF / PALSUN	0.8 MM	FLAT	ASTM D 1929-'96	FLASH IGNITION TEMPERATURE	982 °F ✓	

Thornton-Tomasetti Group
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PALRAM AMERICAS INC.
 ARCADIA WEST INDUSTRIAL PARK
 9735 COMMERCE CIRCLE
 KUTZTOWN, PA 19530

J.W. Knezevich
 Professional Engineer
 FL License No.: PE 0041961

[Signature]
 JUN 21 2006

no	date	by	description
1	06/21/2006	JK	BCCO COMMENTS

PRODUCT REVISED
 as complying with the Florida Building Code
 Approved: 05-090703
 Date: 01/22/11

date: 06/09/2006
 scale: AS NOTED
 design by: ACC
 drawn by: MCR
 checked by: VJK
 drawing no.: 06-330
 sheet 1 of 1