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.

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

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

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### Table 1

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Material Thickness</th>
<th>Test Description</th>
<th>Test Parameter</th>
<th>Material Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suntuf / Sunsky / Dynaglass</td>
<td>0.8 mm</td>
<td>Corrugated</td>
<td>ASTM E84</td>
<td>Flame Spread Index</td>
</tr>
<tr>
<td>Suntuf / Sunsky / Dynaglass</td>
<td>0.8 mm</td>
<td>Corrugated</td>
<td>ASTM E84</td>
<td>Smoke Developed Value</td>
</tr>
<tr>
<td>Palstuf / Palsun</td>
<td>3 mm</td>
<td>Flat</td>
<td>ASTM E84</td>
<td>Flame Spread</td>
</tr>
<tr>
<td>Palstuf / Palsun</td>
<td>3 mm</td>
<td>Flat</td>
<td>ASTM E84</td>
<td>Smoke Density</td>
</tr>
<tr>
<td>Palstuf / Palsun</td>
<td>12 mm</td>
<td>Flat</td>
<td>ASTM E84</td>
<td>Flame Spread</td>
</tr>
<tr>
<td>Palstuf / Palsun</td>
<td>12 mm</td>
<td>Flat</td>
<td>ASTM E84</td>
<td>Smoke Density</td>
</tr>
<tr>
<td>Suntuf / Sunsky / Dynaglass</td>
<td>0.8 mm</td>
<td>Corrugated</td>
<td>ASTM D633</td>
<td>Average Burning Time</td>
</tr>
<tr>
<td>Suntuf / Sunsky / Dynaglass</td>
<td>0.8 mm</td>
<td>Corrugated</td>
<td>ASTM D633</td>
<td>Average Burning Length</td>
</tr>
<tr>
<td>Suntuf / Sunsky / Dynaglass</td>
<td>0.8 mm</td>
<td>Corrugated</td>
<td>ASTM D633</td>
<td>Burn Rate</td>
</tr>
<tr>
<td>Palstuf / Palsun</td>
<td>3 mm</td>
<td>Flat</td>
<td>ASTM D633</td>
<td>Average Time of Burning</td>
</tr>
<tr>
<td>Palstuf / Palsun</td>
<td>3 mm</td>
<td>Flat</td>
<td>ASTM D633</td>
<td>Average Extent of Burning</td>
</tr>
<tr>
<td>Palstuf / Palsun</td>
<td>12 mm</td>
<td>Flat</td>
<td>ASTM D633</td>
<td>Average Time of Burning</td>
</tr>
<tr>
<td>Palstuf / Palsun</td>
<td>12 mm</td>
<td>Flat</td>
<td>ASTM D633</td>
<td>Average Extent of Burning</td>
</tr>
<tr>
<td>Suntuf / Sunsky / Dynaglass / Palstuf / Palsun</td>
<td>0.8 mm</td>
<td>Flat</td>
<td>ASTM D1929</td>
<td>Self Ignition Temperature</td>
</tr>
<tr>
<td>Suntuf / Sunsky / Dynaglass / Palstuf / Palsun</td>
<td>0.8 mm</td>
<td>Flat</td>
<td>ASTM D1929</td>
<td>Flash Ignition Temperature</td>
</tr>
</tbody>
</table>

### 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 2612 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 2615.2.2.3 and Miami-Dade Checklist #0445.

6. The following product trade names are used to describe this product: Suntuf, Sunsky, Dynaglass, Palstuf, and Palsun.

### Table 2

<table>
<thead>
<tr>
<th>Plastic Specimen</th>
<th>Before Weathering (PSI)</th>
<th>After Weathering (PSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.8 mm Clear Corrugated</td>
<td>9,240</td>
<td>9,370</td>
</tr>
<tr>
<td>0.8 mm Clear Flat</td>
<td>9,710</td>
<td>8,940</td>
</tr>
<tr>
<td>3.0 mm Clear Flat</td>
<td>9,660</td>
<td>9,090</td>
</tr>
</tbody>
</table>

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**PRODUCT REVISED**

as complying with the Florida Building Code

NOA-No. 18-0328.02

Expiration Date: 01/22/2021

By

Miami-Dade Product Control