NOTICE OF ACCEPTANCE (NOA)

Sunshine Windows Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, FL 33012

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: Series “1600” Aluminum Sliding Glass Door w/ Reinforcements-N.I.

APPROVAL DOCUMENT: Drawing No: SGD 08-01 Rev #3, titled “Series 1600 Aluminum Sliding Glass Door-Non-Impact Resistant”, sheets 1 through 5 of 5, prepared by manufacturer, dated 02/21/12 and last revised on 01-27, 2018, signed and sealed by Francisco Hernandez, 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. Approved applicable Hurricane Protection Devices, complying w/ FBC are required.

Limitations:
1. See Sheet 1 and Chart #1 for Design Pressures VS glass types, configurations and number of anchors. Pairs anchors required at frame jambs & intermediate anchors. See interlock/astral in sheet 4, the Pairs interlock/astral clusters (2-pairs =Total 4-anchors into Conc.) & (3-pairs =Total 6-anchors into Wood, applicable to all configurations.
2. See sheets 2 and 3 for full length steel reinforcement requirements at interlocks/astral. Fix panel to be secured at Head/sill with alum angle brackets with #8 screws (see Bracket details at sheet 2 & 3).
3. Head and sill installation is limited into concrete and jambs may be into concrete or grouted masonry blocks.

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, city, state and series and following statement: ”Miami-Dade County Product Control Approved”, 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 # 16-1116.06 consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
1. Manufacturer's die drawings and sections (Submitted under files below)
2. Drawing No: SGD 08-01 Rev #2, titled “Series 1600 Aluminum Sliding Glass Door-Non-Impact Resistant”, sheets 1 through 5 of 5, prepared by manufacturer, dated 02/21/12 and last revised on 01-26-2017, signed and sealed by Francisco Hernandez, P.E.

B. TESTS
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 (0.24 cfm/ ft² @ 1.57 PSF)  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of an aluminum sliding glass door, glazed with 1/4” tempered glass, prepared by Fenestration Testing Laboratory, Inc. Test Report No. FTL-5442, dated 03/29/08, signed and sealed by Michael Wenzel, P.E.
along with marked-up drawings and installation diagram of an aluminum sliding glass door, glazed with 3/16” tempered glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-5443, dated 03/29/08, signed and sealed by Michael Wenzel, P.E.

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC 2014 (5th Edition), dated 01-10-15, prepared, signed and sealed by Francisco Hernandez, P.E.
2. Glazing complies w/ ASTM-1300-02, -04 & -09.

D. QUALITY ASSURANCE
1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS
1. Technical material properties data sheet from Tekno Apex Co's APEX-3174, flexible PVC per ASTM D- 2240, ASTM D638 and ASTM D224006-03-09.

F. STATEMENTS
1. Statement letter of conformance to FBC 2014(5th Edition) and letter of no financial interest, dated JAN 28, 2015, prepared, signed and sealed by Francisco Hernandez, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER
1. This NOA revises & renews # 15-0204.03, expiring 05/20/2022.

[Signature]
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.26
Expiration Date: May 20, 2022
Approval Date: February 08, 2018

E-1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED


A. DRAWINGS
   1. Drawing No: SGD 08-01 Rev #3, titled “Series 1600 Aluminum Sliding Glass Door-Non-Impact Resistant”, sheets 1 through 5 of 5, prepared by manufacturer, dated 02/21/12 and last revised on 01-27-2018, signed and sealed by Francisco Hernandez, P.E.
   Note: This revision consists of editorial FBC 2017 code related notes in sheet 1.

B. CALCULATIONS
   1. None

C. QUALITY ASSURANCE
   1. Miami Dade Department of Regulatory and Economic Resources (RER).

D. MATERIAL CERTIFICATIONS
   1. None

E. STATEMENTS

F. OTHER
   1. This NOA revises NOA # 16-1116.06, expiring 05/20/22.

Ishad I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.26
Expiration Date: May 20, 2022
Approval Date: February 08, 2018
HORIZONTAL SECTIONS
HORIZONTAL SECTIONS

1" BY OR 2" BY WOOD BUCK BY OTHERS MUST BE PROPERLY SEAL AND ANCHORED TO TRANSFER LOADS TO THE STRUCTURE SHOULD BE APPROVED BY BUILDING OFFICIAL PRIOR TO WINDOW INSTALLATION.

FOR ANCHOR SPACING AND NUMBER OF ANCHORS SEE CHART # 1 ON SHEET 1 OF 5. FOR TYPICAL EMBEDMENT AND EDGE DISTANCE SEE NOTE # 3 WITHIN INSTALLATION NOTES ON SHEET 1 OF 5.
**GLAZING OPTIONS**

**SILL SELECTION CRITERIA**

**USE 3” HIGH SILL FOR EXTERIOR (+)**

- Wind load up to 62.00 PSF
- Use 3” high sill for exterior (+)
- Wind load above 62.00 PSF up to 85.00 PSF for 3/16” temp. glass or up to 90.00 PSF for 1/4” temp. glass.

**FOR CHOICE ADEQUACY COMPARE WIND LOADS TO DESIGN LOADS ON SHEET 1 OF 5.**

**VERTICAL SECTION**

**RECOMMENDED GROUT UNDER SILL MUST TRANSFER LOADS IMPOSED BY GLAZING SYSTEM. GROUT MUST BE HIGH STRENGTH MIN 3 KSI, NON-SHRINK, NON METALLIC.**

**1 5/8” WEEP NOTCH AT EACH END OF SCREEN TRACK (TYPICAL).**

**CONCRETE**

**1 1/2” GLASS BITE (TYPICAL).**

**2 1/2” GLASS BITE (TYPICAL).**

**CONCRETE**

**TYPICAL AT HEAD AND AT SILL.**

**ASTRAGAL/LOCK STILE CONNECTION CLUSTER DETAIL FOR INSTALLATION IN CONCRETE.**

**PRODUCT REVISED per complying with the Florida Building Code.**

**EXPERIENCED DATED 1/17/21.**

**FRANCISCO HERNANDEZ FLORIDA PE # 51393**

**DATA BANK PRODUCT CONTROL**

**DRAWING NO. SGD08-01**

**DATE: 02-21-12**

**SCALE: 1/2”=1’.**

**SHEET 4 OF 5.**

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**MATERIAL LIST**

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<td>PAN SELF DRILLING</td>
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**MATERIAL:**

- 6063-T5: **Aluminum**
- 6063-T16: **Aluminum**
- VINYL: **Plastic**
- ZINC: **Metal**
- STEEL: **Metal**
- Polypropylene: **Plastic**
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**Notes:**
- PRODUCT REVISED
- Compliance with the Florida Building Code
- Approval No. 17-1162-22
- Expiration Date: 02/21/23

**Endorsement:**
- STAMPS: Florida Professional Engineer

**Drawing Information:**
- SGD08-01
- Date: 02/21/12
- Scale: 1/2" = 1'