NOTICE OF ACCEPTANCE (NOA)

PGT Industries, Inc.
1070 Technology Drive
North Venice, FL 34275

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 "SGD-770" Aluminum Horizontal Sliding Window, w/ 90° & 135° corners – L.M.I.

APPROVAL DOCUMENT: Drawing No. PGT0129, titled "Series 770 Alum. SGD-Window - LMI", sheets 1 through 22 of 22, dated 02/20/14, with revision C dated 04/05/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, 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: Large and Small Missile Impact Resistant

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# 16-0629.09 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 Jorge M. Plasencia, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's die drawings and sections.
   (Submitted under NOA No. 14-0320.03)
2. Drawing No. PGT0129, titled “Series 770 Alum. SGD-Window - LMI”, sheets 1 through 22 of 22, dated 02/20/14, with revision C dated 04/05/17, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

B. TESTS
1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   2) Large Missile Impact Test per FBC, TAS 201-94
   3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   along with marked-up drawings and installation diagram of a PVC sliding glass door, a PVC fixed window and an aluminum sliding glass door, using: Kodispase 4SG TPS spacer system, Duraseal® spacer system, Super Spacer® NXT™ spacer system and XL Edge™ spacer system at insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. FTL-8717, FTL-8968 and FTL-8970, dated 11/16/15, 06/07/16 and 06/02/16 respectively, all signed and sealed by Idalmis Ortega, P.E.
   (Submitted under previous NOA No. 16-0629.09)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
   along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-7554, dated 11/01/13, signed and sealed by Marlin D. Brinson, P.E.
   (Submitted under NOA No. 14-0320.03)
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
   along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.: FTL-5980, FTL-5993, FTL-6036, FTL-6001, FTL-6014, FTL-6015, FTL-6017, FTL-6023, FTL-6024, FTL-6025, FTL-6028, FTL-6031, FTL-6033 and FTL-6036, all dated 08/10/09 and signed and sealed by Julio Gonzales, P.E.
   (Submitted under NOA No. 09-0826.10)

Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 17-0420.17
Expiration Date: February 12, 2020
Approval Date: August 31, 2017

E - 1
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)
      per TAS 201, 202 & 203-94, issued by Fenestration Testing Laboratory, Inc.
      (Submitted under NOA No. 15-0430.08)

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC-5th
      Edition (2014) and FBC 6th Edition (2017) dated 04/18/17 and revised on 08/02/17,
      prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
   2. Glazing complies with ASTM E1300-09

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their
      “Trosifol® Ultra Clear, Clear and Color PVB Glass Interlayers” dated 01/19/17,
      expiring on 07/08/19.
   2. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their
      “SentryGlas® (Clear and White) Glass Interlayers” dated 06/25/15, expiring on
      07/04/18.

F. STATEMENTS
      Edition (2017), dated 08/02/17, issued by manufacturer, signed and sealed by Anthony
      Lynn Miller, P.E.
   2. Statement letter of no financial interest, dated 04/08/17, issued by manufacturer,
      signed and sealed by Anthony Lynn Miller, P.E.
   3. Proposal No. 16-0125 issued by the Product Control Section, dated March 09, 2016,
      signed by Ishaq Chanda, P.E.
      (Submitted under previous NOA No. 16-0629.09)

G. OTHERS
   1. Notice of Acceptance No. 16-0629.09, issued to PGT Industries, Inc. for their Series
      “SGD-770” Aluminum Horizontal Sliding Window w/90° & 135° corners - L.M.I.
      approved on 08/04/16 and expiring on 02/12/20.

[Signature]
Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 17-0420.17
Expiration Date: February 12, 2020
Approval Date: August 31, 2017

E - 2
**SERIES 770. IMPACT RESISTANT SLIDING GLASS WINDOW INCLUDING POCKETS & 90°/135° CORNERS**

**GENERAL NOTES**
1) GLAZING TYPE OPTIONS: SEE TABLE B, THIS SHEET & GLAZING DETAILS ON SHEETS 4 & 5.
2) DESIGN PRESSURES:
   A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E1300.
   B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E1300.
   C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, AND
   D. ANCHORAGE: THE 33-13% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.
   E. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER SIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE. FOR ANCHOR DETAIL SHEETS SEE SHEETS 6-14.
4) SHUTTERS ARE NOT REQUIRED FOR FBC REQUIREMENTS, AS APPLICABLE.
5) INSTALLATION SCREWS, FRAME SPACERS, FRAME AND PANEL CORNERS TO BE SEALED WITH NAFAC PRACTICE.
6) REFERENCES: ELCO ULTRACON, CRETEFLEX AND AGGREGATE NO.4A, ANSI/SPFA NDS FOR WOOD CONSTRUCTION AND AAM, ALUMINUM DESIGN MANUAL.
7) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
8) WINDOW SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS FOR CURRENT FLORIDA BUILDING CODE, AS APPLICABLE.
9) TEST REPORTS: FTI-5598, FTI-5693, FTI-6501, FTI-6514, FTI-6017, FTI-6222, FTI-6623, FTI-6026, FTI-6028, FTI-6031, FTI-6033, FTI-6636 AND TFL-7554

**TABLE B. SEE DETAILS ON SHEETS 4 & 5**

<table>
<thead>
<tr>
<th>Glass Type</th>
<th>Description (Listed from Exterior to Interior)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G0</td>
<td>7/16&quot; Laminated. (2) Layers of 3/16&quot; IG Glass with 0.067 PVF Interlayer</td>
</tr>
<tr>
<td>G8</td>
<td>9/16&quot; Laminated. (2) Layers of 1/4&quot; IG Glass with 0.057 PVF Interlayer</td>
</tr>
<tr>
<td>G8A</td>
<td>9/16&quot; Laminated. (2) Layers of 1/4&quot; IG Glass with 0.032 SG Interlayer</td>
</tr>
<tr>
<td>G8B</td>
<td>11/16&quot; Laminated. (2) Layers of 1/4&quot; IG Glass with 0.032 SG Interlayer</td>
</tr>
<tr>
<td>G8C</td>
<td>11/16&quot; Laminated. (2) Layers of 1/4&quot; IG Glass with 0.032 SG Interlayer</td>
</tr>
<tr>
<td>G8D</td>
<td>11/16&quot; Laminated. (2) Layers of 1/4&quot; IG Glass with 0.032 SG Interlayer</td>
</tr>
<tr>
<td>G8F</td>
<td>11/16&quot; Laminated. (2) Layers of 1/4&quot; IG Glass with 0.032 SG Interlayer</td>
</tr>
<tr>
<td>G8G</td>
<td>11/16&quot; Laminated. (2) Layers of 1/4&quot; IG Glass with 0.032 SG Interlayer</td>
</tr>
<tr>
<td>G8H</td>
<td>11/16&quot; Laminated. (2) Layers of 1/4&quot; IG Glass with 0.032 SG Interlayer</td>
</tr>
<tr>
<td>G8I</td>
<td>11/16&quot; Laminated. (2) Layers of 1/4&quot; IG Glass with 0.032 SG Interlayer</td>
</tr>
</tbody>
</table>

**DESIGN PRESSURE/DISTANCE RATING**

<table>
<thead>
<tr>
<th>SERIES 1-35 ON SHEETS 5 &amp; 7-A</th>
<th>RATED FOR LARGE &amp; SMALL IMPACT RESISTANCE</th>
</tr>
</thead>
</table>

**CODES/STANDARDS USED:**
- 2017 FLORIDA BUILDING CODE (FBC), 6TH EDITION
- 2015 INTERNATIONAL BUILDING CODE (IBC), 6TH EDITION
- ANSI A1300-06
- ANSI/SPFA NDS-2015 FOR WOOD CONSTRUCTION
- ALUMINUM DESIGN MANUAL, ADA-2015
- AASI 1500-12
- AISC 360-10

**TABLE A**

<table>
<thead>
<tr>
<th>Anchor Group</th>
<th>Anchor Type</th>
<th>Frame Material</th>
<th>Substrate</th>
<th>Min. Edge Distance</th>
<th>Min. O.C. Distance</th>
<th>Min. Embedment or Metal Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>A571116-80S</td>
<td>13/32&quot; 1/2&quot; Glazed (Fv = 45 kpsi, Fv = 45 kpsi) or 1/16&quot; 1/2&quot; Glazed (Fv = 45 kpsi, Fv = 45 kpsi)</td>
<td>All</td>
<td>Concrete (min. 11,250 psi)</td>
<td>2&quot;</td>
<td>15/32&quot;</td>
<td>0.047 (1.20)</td>
</tr>
<tr>
<td>A571116-80S</td>
<td>13/32&quot; 1/2&quot; Glazed (Fv = 45 kpsi, Fv = 45 kpsi)</td>
<td>All</td>
<td>Concrete (min. 11,250 psi)</td>
<td>2&quot;</td>
<td>15/32&quot;</td>
<td>0.047 (1.20)</td>
</tr>
</tbody>
</table>

**ANCHOR NOTES**

1) FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ANCHORS. SEE TABLE A ON THIS SHEET FOR EMBREMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
2) FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE A ON THIS SHEET.
3) WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
4) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
5) IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-MINERAL, NON-METALIC GROUT. CEMENT BASED SILL FIILLER OR ANCHORING MATERIAL MUST COMPLETELY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO THE STRUCTURE. SILL DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

**PRODUCT REVISIONS COMPLIANCE WITH JANUARY 2020 BUILDING CODE**

17-0420.17

**Expiration Date 02/12/2020**

By Miami-Dade Product Control

**ANTHONY LYNNE LICENSING & PROFESSIONAL ENGINEERING**

**C.R. No. 58765**

**5701 TECHNOLOGY DRIVE N. VENICE, FL 34295 (941) 450-1000 CERT. OF AUTH #209098 COPYRIGHT © 2017 PGI INDUSTRIES, INC. ALL RIGHTS RESERVED**

**PGI SERIES 770 ALUM. SGDO-WINDOW - LMI**

| PG1079 WINDOW | NTS 1H | PGT0129 | Inc C |

**CERT. OF AUTH #209098**

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**ANTHONY LYNNE LICENSING & PROFESSIONAL ENGINEERING**

**C.R. No. 58765**

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EXAMPLE CONFIGURATIONS

1-PANEL CONFIGURATIONS

MAX. UNIT WIDTH
NOM. PANEL WIDTH
PER TABLES 1-3
MAX. UNIT HEIGHT
PER TABLES 1-3
POCKET

2-PANEL CONFIGURATIONS

MAX. UNIT WIDTH
NOM. PANEL WIDTH
PER TABLES 1-3
MAX. UNIT HEIGHT
PER TABLES 1-3
POCKET

3-PANEL CONFIGURATIONS

MAX. UNIT WIDTH
NOM. PANEL WIDTH
PER TABLES 1-3
MAX. UNIT HEIGHT
PER TABLES 1-3
POCKET

4-PANEL CONFIGURATIONS

MAX. UNIT WIDTH
NOM. PANEL WIDTH
PER TABLES 1-3
MAX. UNIT HEIGHT
PER TABLES 1-3
POCKET

5-PANEL CONFIGURATIONS

MAX. UNIT WIDTH
NOM. PANEL WIDTH
PER TABLES 1-3
MAX. UNIT HEIGHT
PER TABLES 1-3
POCKET

CONFIGURATIONS NOTES:

1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "Jw", "Jd", "Jd" OR "gj" INSTALLATION.
EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE pxxxxxp, pxxxxx or xxxxxp. OXXXX IN POCKET CONFIGURATION CAN BE OXXXXP.

2) 90" & 135" CORNER CONFIGURATIONS CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

3) FOR NOM. PANEL WIDTH, SEE TABLES 1-3.
*"x" = OPERABLE PANEL
*"o" = INOPERABLE PANEL
*"p" = POCKET

DETAIL LETTER
"w" = WOOD OR METAL INSTALLATION
"c" = CONCRETE INSTALLATION

SHEET NUMBER
DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
HEIGHT = WINDOW UNIT HEIGHT - 1.866"

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No.______
Expiration Date 02/12/2020

M.E.M. No. 709
By Miami-Dade Product Control

ANTHONY LYNN MILLER
PROFESSIONAL ENGINEER

No. 5970

555 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 429-9550
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EXAMPLE CONFIGURATIONS

SERIES 770 ALUM. Sgd-WINDOW - LMI

OGD-770 WINDOW
NTS 2 = 22
PQG0129

A. LYNN MILLER, P.E.
P.E. 5970
EXAMPLE CONFIGURATIONS

MAX. TESTED UNIT WIDTH = 355-7/16"
MAX. TESTED FRAME SQUARE FOOTAGE = 250 FT²
MAX. UNIT HEIGHT, 96"

6-PANEL CONFIGURATIONS

MAX. FRAME SQUARE FOOTAGE = 250 FT²
MAX. UNIT WIDTH

7-PANEL CONFIGURATIONS

MAX. UNIT HEIGHT

8-PANEL CONFIGURATIONS

* FRAME SQUARE FOOTAGE = OVERALL UNIT WIDTH (IN) x OVERALL UNIT HEIGHT (IN) / 144

CONFIGURATIONS NOTES:
1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "J", "Jc", "K", OR "Kc" INSTALLATION. EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE pXXXxp, pXXXX or XXXxp. XXXX IN POCKET CONFIGURATION CAN BE XXXxp.

2) 90° & 135° CORNER CONFIGURATIONS CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

3) FOR NOM. PANEL WIDTH, SEE TABLES 1-3.

"x" = OPERABLE PANEL
"o" = INOPERABLE PANEL
"p" = POCKET

DETAIL LETTER
w = WOOD OR METAL INSTALLATION
c = CONCRETE INSTALLATION

SHEET NUMBER
DLW WIDTH = NOM. PANEL WIDTH - 7"
DLW HEIGHT = WINDOW UNIT HEIGHT - 10.125"
Panel Height = Window Unit Height - 1.566"

PRODUCT REVISED
as complying with the Florida Building Code
NDA No. 17-0420.17
Expiration Date 02/12/2020

By Miami Code Product Control

SAFETY TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 880-3620

CERT. OF AUTH: FL02595
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EXAMPLE CONFIGURATIONS

SERIES 770 ALUM. SGD-WINDOW - LMI

A. LYNN MILLER, P.E.
P.E. No. 58700

No. 58700
STATE OF FL
PROFESSIONAL ENGINEER

© 2017

[Signature]

A. LYNN MILLER, P.E.
GLAZING NOTES:
1" AN = ANNEALED
1" GS = HEAT STRENGTHENED
1" T = TEMPERED
PVB = .001 TROSIFOL PVB BY KURARAY AMERICA, INC.
SG = .060 SENTRYGLASS BY KURARAY AMERICA, INC.
### TABLE 1:

**Design Pressure (DP) and Anchor Quantities Required,**

(for all approved configurations on Sheets 2 & 3)

For corner astragal anchorage on 90° or 135° corner units, see sheet 11

<table>
<thead>
<tr>
<th>Window Unit Height (in)</th>
<th>Maximum DP for all sizes: +60/-60 (May be limited by Table 1A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>Anchor Group</td>
</tr>
<tr>
<td>31-3/8&quot; DLO</td>
<td>Anchor Group</td>
</tr>
<tr>
<td>48</td>
<td>Anchor Group</td>
</tr>
<tr>
<td>60</td>
<td>Anchor Group</td>
</tr>
<tr>
<td>69-7/8&quot; DLO</td>
<td>Anchor Group</td>
</tr>
<tr>
<td>72</td>
<td>Anchor Group</td>
</tr>
<tr>
<td>85-7/8&quot; DLO</td>
<td>Anchor Group</td>
</tr>
</tbody>
</table>

### TABLE 1A:

**Silicone Height to Max. (+) DP**
(Water Infiltration Rating)

<table>
<thead>
<tr>
<th>Silastic Height (Plast or Box, see Sheet 17)</th>
<th>(+) Design Pressure, psi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash - 1-1/8&quot;</td>
<td>see note 3</td>
</tr>
<tr>
<td>Low - 2-1/2&quot;</td>
<td>+ 60.0</td>
</tr>
<tr>
<td>Medium - 5-1/4&quot;</td>
<td>+ 60.0</td>
</tr>
<tr>
<td>High - 4&quot;</td>
<td>+ 60.0</td>
</tr>
</tbody>
</table>

**SEE NOTES 1-3**

### NOTES:

1) **POSITIVE PRESSURES IN TABLE 1 ARE BASED ON THE USE OF THE 3-1/4" SILL.**
2) **WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4" OR 4" SILL, POSITIVE WATER DP IS 60.0 PSF MAX. (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 1A.**
3) **ONLY THE 2-1/2", 3-1/4" AND 4" SILL HEIGHTS HAVE BEEN TESTED FOR WATER INFILTRATION RESISTANCE. THE 1-1/2" SILL HAS NOT AND MAY ONLY BE USED IN A PASS-THRU WINDOW WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED DUE TO ROOF OVERHAND CONDITIONS. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 1 MAY BE USED WHEN THE WINDOW IS USED AS A PASS-THRU WINDOW.**
4) **SEE SHEETS 15-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND ENBEDMENT INFORMATION.**
5) **WINDOW SIZE TO COMPLY WITH CURRENT FBC ENCLOSED REQUIREMENTS WHEN REQUIRED.**
6) **JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.**

### Interlock

<table>
<thead>
<tr>
<th>Part #60 (x2)</th>
<th>Part #60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part #60 (Stile)</td>
<td>Part #67 (Astragal)</td>
</tr>
</tbody>
</table>

### Lockstiles @ Jamb

- **Standard Stile**
- **Standard Stile**
- **Standard Stile**
- **Standard Stile**

### Lockstiles @ Straight Astragal

- **Lockstiles @ Straight Astragal**
  - **Heavy-duty Stile**
  - **Heavy-duty Stile**
  - **Heavy-duty Stile**
  - **Heavy-duty Stile**

### Lockstiles @ 90° Astragal

- **Lockstiles @ 90° Astragal**
  - **Inside Corner**
  - **Inside Corner**
  - **Inside Corner**
  - **Inside Corner**

### Lockstiles @ 135° Astragal

- **Lockstiles @ 135° Astragal**
  - **Outside Corner**
  - **Outside Corner**
  - **Outside Corner**
  - **Outside Corner**

### PRODUCT REVIS**

as per ANSI A156.10-1980

By Miami-Dade Product Control

**LICENSE No. 58709**

**STATE OF FLORIDA**

**ARCHITECTURAL ENGINEER**

**ANTHONY LYNCH-MILLER, P.E.**

**ANTECH N. 76TH WINDOW**

**NTS 6-22 PGT0129**
## Table 2:

### Design Pressure (DP) and Anchor Quantities Required

For corner astragal anchorage on 90° or 135° corner units, see sheet 17.

<table>
<thead>
<tr>
<th>Window Height (in)</th>
<th>31-7/8 DLO</th>
<th>37-7/8 DLO</th>
<th>40-7/8 DLO</th>
<th>42-7/8 DLO</th>
<th>50-7/8 DLO</th>
<th>57-7/8 DLO</th>
<th>68-7/8 DLO</th>
<th>72-7/8 DLO</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>Anchor Group A</td>
<td>Anchor Group B</td>
<td>Anchor Group C</td>
<td>Anchor Group D</td>
<td>Anchor Group E</td>
<td>Anchor Group F</td>
<td>Anchor Group G</td>
<td>Anchor Group H</td>
</tr>
<tr>
<td>48</td>
<td>Anchor Group A</td>
<td>Anchor Group B</td>
<td>Anchor Group C</td>
<td>Anchor Group D</td>
<td>Anchor Group E</td>
<td>Anchor Group F</td>
<td>Anchor Group G</td>
<td>Anchor Group H</td>
</tr>
<tr>
<td>60</td>
<td>Anchor Group A</td>
<td>Anchor Group B</td>
<td>Anchor Group C</td>
<td>Anchor Group D</td>
<td>Anchor Group E</td>
<td>Anchor Group F</td>
<td>Anchor Group G</td>
<td>Anchor Group H</td>
</tr>
</tbody>
</table>

### Table 2A:

<table>
<thead>
<tr>
<th>Sill Height to Max. (+) DP (Water Infiltration Rating)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sill Rear Height (Flat or Box, etc.)</td>
</tr>
<tr>
<td>Low - 1-1/2&quot;</td>
</tr>
<tr>
<td>Medium - 3-1/4&quot;</td>
</tr>
<tr>
<td>High - 4&quot;</td>
</tr>
</tbody>
</table>

For example on using table, see sheet 6.

**Notes:**
1. Positive pressures in Table 2 are based on the use of the 3-1/4" sill.
2. When using the 2-1/2" sill, positive water pressure is 45.67 psi max. When using the 3-1/4" or 4" sill, positive water pressure is 60.0 psi max. (Negative pressures unchanged). See Table 2A.
3. Only the 2-1/2", 3-1/4" and 4" sill heights have been tested for water infiltration resistance. The 1-1/2" sill has not and may only be used in a pass-trough window where water infiltration resistance is not required due to roof overhang conditions. Positive design pressures shown in Table 2 may be used when the window is used as a pass-through window.
4. See sheets 10-14 for anchorage spacing, edge distance, and embedment information.
5. Window size may comply with current FBC/ER requirements when required.
6. Jamb anchors are specified as the total quantity, divide by 2 for pairs to be installed.

### The Following Stile & Astragal Types Shall Be Used for Table 2.

### Diagram:

**Diagram Description**

- **Part #61 (1x2)**
- **Part #61**
- **Part #61**
- **Part #61**
- **Part #61**
- **Part #61**
- **Part #61**
- **Part #61**

**Contact:**

- **A. Lynn Miller, P.E., No. 58705, 58705**
- **1705 Technology Drive, N. Venice, FL 34295**
- **(941) 400-1061**
- **FEC #7019**
- **CERT. OF AUTH. # 20000**

**Product Revisions:**

- **As complying with the Florida Building Code**
- **NOA No.: 17-0420-17**
- **Expiration Date: 02/12/2020**

**By:**

- **Miami-Dade Product Control**
### Table 3: Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)

<table>
<thead>
<tr>
<th>Table applies to Glass types 4, 4A, 6A, 6B, 7A, 8A &amp; 8B and the Sill/Asstral types shown below.</th>
<th>Maximum DP for all sizes: +90 / -90</th>
</tr>
</thead>
<tbody>
<tr>
<td>42</td>
<td>48</td>
</tr>
<tr>
<td>Anchor Group</td>
<td>Anchor Group</td>
</tr>
<tr>
<td>A B C D</td>
<td>A B C D</td>
</tr>
<tr>
<td>24&quot; DLO</td>
<td>36&quot; DLO</td>
</tr>
<tr>
<td>Head/Sill</td>
<td>Head/Sill</td>
</tr>
<tr>
<td>C4+1</td>
<td>C4+1</td>
</tr>
<tr>
<td>Jamb</td>
<td>Jamb</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>P-Hook</td>
<td>P-Hook</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
</tr>
</tbody>
</table>

**NOTES:**

1. **POSITIVE PRESSURES IN TABLE 3 ARE BASED ON THE USE OF THE 4" SILL.**
2. **WHEN USING THE 2-1/2" SILL, POSITIVE WATER DP IS 46.87 PSF MAX. WHEN USING THE 3-1/4", POSITIVE WATER DP IS 60.0 PSF MAX. WHEN USING THE 4" SILL, POSITIVE WATER DP IS 90.0 PSF MAX. (NEGATIVE PRESSURES UNCHANGED). SEE TABLE 3A.**
3. **ONLY THE 2-1/2", 3-1/4" AND 4" SILL HEIGHTS HAVE BEEN TESTED FOR WATER INfiltrATION RESISTANCE. THE 1-1/2" SILL IS NOT AND MAY NOT ONLY BE USED IN A PASS-THRU WINDOW, WHERE WATER INfiltrATION RESISTANCE IS NOT REQUIRED DUE TO ROOF OVERHANG CONDITIONS. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 3 MAY BE USED WHEN THE WINDOW IS USED AS A PASS-THRU WINDOW.**
4. **SEE SHEETS 1A-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBLEM IDENTIFICATION INFORMATION.**
5. **WINDOW SIZE TO COMPLY WITH CURRENT NBC REQUIREMENTS WHEN REQUIRED.**
6. **JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE IF 2 FOR PAIRS TO BE INSTALLED.**

The following sill & astragal types shall be used for table 3, see sheets 2A & 2B for part dimensions and sheets 18 & 19 for assembly details.
### PANEL'S RIGHT STILE TYPE

| PANEL TYPES | SINGLE INTERLOCK OUT | SINGLE INTERLOCK IN | FIXED STILE | LOCKSTILE W/ HANDLE | ASTRAGAL BOX OUT | ASTRAGAL BOX IN | ASTRAGAL BOX | INT CORNER BOX LOCKSTILE W/ HANDLE | EXT CORNER BOX LOCKSTILE W/ HANDLE | EXT CORNER BOX RECEIVER W/ HANDLE | INT CORNER BOX RECEIVER W/ HANDLE | EXT CORNER BOX RECEIVER W/ HANDLE | INT CORNER BOX RECEIVER W/ HANDLE | EXT CORNER BOX RECEIVER W/ HANDLE |
|-------------|----------------------|---------------------|-------------|---------------------|-----------------|-----------------|-------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| SINGLE      | INTERLOCK OUT        |                     | F           | PP                  | K                | L               | TR          | TQ                              | TC                              | TA                              | SV                              | TW                              | TV                              | FW                              |
| INTERLOCK   | IN                   |                     | K           | P                   | A                | S               | S           | S                              | S                              | S                              | S                               | S                               | S                               | S                               |
| FIXED       | STILE                |                     |             | RR                  | R                | J               | J           | J                              | J                              | J                              | J                               | J                               | J                               | J                               |
| LOCKSTILE   | W/ HANDLE             |                     | DD          | M                   | M                | M               | M           | M                              | M                              | M                              | M                               | M                               | M                               | M                               |
| ASTRAGAL    | BOX OUT              |                     |             | T                   | N                | U               | U           | U                              | U                              | U                              | U                               | U                               | U                               | U                               |
| INT CORNER  | BOX LOCKSTILE W/ HANDLE |                   |             | RT                  | CI               | QT              | QS          | CT                              | CS                              | AT                              | AS                              | AS                              | AS                              | AS                              |
| EXT CORNER  | BOX RECEIVER W/ HANDLE |                   |             | VT                  | VS               | VT              | VS          | VT                              | VS                              | VT                              | VT                              | VT                              | VT                              | VT                              |
| EXT CORNER  | BOX RECEIVER W/ HANDLE |                   |             | VT                  | VS               | VT              | VS          | VT                              | VS                              | VT                              | VT                              | VT                              | VT                              | VT                              |
| INT CORNER  | BOX RECEIVER W/ HANDLE |                   |             | VT                  | VS               | VT              | VS          | VT                              | VS                              | VT                              | VT                              | VT                              | VT                              | VT                              |

**Panel Notes:**
1. See DP Tables 1-3, sheets 6-8 for panel sizes & design pressure.
2. Panel types not shown or crossed off are not required for any configurations and are not available.
3. 90° Astragalas to use heavy-duty stiles (661), corner receiver (#118) and either exterior (#119) or interior (#120) corner astragals.
4. 135° Astragalas to use heavy-duty stiles (661) and corner add-on (#61).

### SILL RISERS OPTIONS

- **Sill Riser, Flat**
  - Flushed: 1-1/2"
  - Low: 2-1/2"
  - Medium: 3-1/4"
  - High: 4"

- **Sill Riser, Box**
  - Flushed: 1-1/2"
  - Low: 2-1/2"
  - Medium: 3-1/4"
  - High: 4"

*Not valid for water infiltration resistance requirements, see sheets 6-8*