DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  

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 “770HP” Aluminum Sliding Glass Doors w / Reinforcements-SMI

**APPROVAL DOCUMENT:** Drawing No.PGT0005 Rev G, titled “Series 770 H.P. Aluminum SGD-SMI”, sheets 1 through 10 of 10, prepared by manufacturer, dated 08/05/07 and last revised on 12/11/19, signed and sealed by Lynn Miller, 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:** Small Missile Impact Resistant

Limitations:

1. See tables 1 & 1A in sheet 4 of this approved drawing set for applicable SGD unit sizes, design pressures, reinforcements, glass types, sill riser and anchors requirements. See approved configurations in sheet 2.
2. Applicable operable door Egress min clear width & height requirements must comply per FBC, to be reviewed by Building official.

**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", 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 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 # 17-0420.14 and consists of this page 1 and evidence pages E-1, E-2, E-3 & E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.
PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals (Submitted under files # 11-1018.15/#09-0826.11)

A. DRAWINGS
1. Manufacturer's die drawings and sections.
2. Drawing No.PGT0005 Rev D, titled “Series 770 H.P. Aluminum SGD-SMF”, sheets 1 through 10 of 10, prepared by manufacturer, dated 08/05/07 and last revised on 02/13/14, signed and sealed by Lynn Miller, P.E.

B. TESTS (transferred from file # 09-0826.11)
1. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94.
   4) Small 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 (b) and TAS 202-94

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass Doors (Samples A-3, A-4, B-3, B-4 and C-2), prepared by Fenestration Testing Laboratory, Inc., Test Report No FTL-7468, dated 09/13/2013, all signed and sealed by Martin D. Brinson, P.E.

Note: This test report has addendum letter dated Jan 13, 2014, issued by Fenestration Testing Lab.
2. Test report on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94.
   4) Small 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 (b) and TAS 202-94

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No FTL-6019 and FTL-6020, both dated 08/10/09, all signed and sealed by Julio Gonzales, P.E. (Submitted under files # 11-1018.15/#09-0826.11). Note: The test reports No. FTL 6019 have been revised and reissued on 12/29/09, signed and sealed by Julio Gonzales, P.E.
3. Additional reference supporting test reports # FTL 5254 and ATI72138.01-401-18.

C. CALCULATIONS
1. Anchor verification and comparative analysis dated 01/24/14 and last revised on 02/13/14, sheets 1 thru 45, prepared by PGT, signed and sealed by Lynn Miller, P. E.
2. Glazing complies with ASTM-1300-02 &-04

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 11-0624.01 issued to “E.I. DuPont DE Nemours” for “DuPont Butacite ® PVB”, expiring on 12/11/16.

F. STATEMENTS
1. Statement letter dated OCT 04, 2013 of compliance to FBC 2010 and “No financial interest”, prepared by PGT, signed & sealed by Lynn Miller, P.E.
2. Letter of lab compliance, part of the above test reports.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-1126.05
Expiration Date: March 24, 2025
Approval Date: January 09, 2020

E - 1
PGT Industries Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER
1. This NOA revises #11-1018.15, expiring March 24, 2015.
2. Test proposal dated 6/4/13 approved by Jaime Gascon, P.E.
3. Test proposals No(s) 09-0177, 0177-A, B & C approved by BCCO.
4. Letter of commitment dated February 20, 2014, issued by PGT, signed by A. Lynn Miller, P.E.

2. Evidence submitted under previous approvals

A. DRAWINGS
1. Manufacturer's die drawings and sections.
2. Drawing No. PGT0005, titled "Series 770 H.P. Aluminum SGD – S.M.I.", sheets 01 through 10 of 10, dated 08/05/07, prepared by manufacturer, revision "E" dated 12/31/14 and latest update 03/05/15, signed and sealed by Lynn A. Miller, P.E.

B. TESTS
1. 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 Aluminum Sliding Glass Door (XOX), prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL–7825, dated 06/10/2014, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC 5th Addition (2014), prepared by manufacturer, dated 03/05/15, signed and sealed by Lynn A. Miller, P.E.
2. Glazing complies with ASTM E1300–04/09.

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 14-0916.10 issued to Kuraray America, Inc. for their "Kuraray PVB Glass Interlayer" dated 03/12/15, expiring on 12/11/16.

F. STATEMENTS
2. Statement letter of no financial interest, issued by manufacturer, dated 12/31/14, signed and sealed by Lynn A. Miller, P.E.
3. Department of State Certification of PGT INDUSTRIES, INC. as a for profit corporation, active and organized under the laws of the State of Florida, dated 01/27/15 and filed by the Secretary of State.
4. Notification of Successor Engineer for manufacturer's NOA document per Section 61G15-27.001 of the Florida Administrative Code, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated 10/07/11, signed and sealed by Lynn A. Miller, P.E.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-1126.05
Expiration Date: March 24, 2025
Approval Date: January 09, 2020

E - 2
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHERS

3. Evidence submitted under previous approvals

A. DRAWINGS
1. Drawing No. PGT0005, titled “Series 770 H.P. Aluminum SGD – S.M.I.”, sheets 1 through 10 of 10, dated 08/05/07, prepared by manufacturer, revision “F” dated 05/05/16, signed and sealed by A. Lynn Miller, P. E.

B. TESTS
1. Reference Test report on 1) Uniform Static Air Pressure Test, 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 Aluminum Sliding Glass Doors (w/ PS, Super, Cardinal & Duraseal Spacers), prepared by Fenestration Testing Laboratory, Inc., Test Reports No(s) FTL-8717, FTL-8970 and FTL-8968, dated 02/15/16, 06/07/16 and 06/20/16, all signed & sealed by Idalmis Ortega, P.E.

C. CALCULATIONS (Submitted under previous NOA No. 15-0106.09)
1. None.

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 14-0916.10 issued to Kuraray America, Inc. for their “Kuraray PVB Glass Interlayer” dated 03/12/15, expiring on 12/11/16.

F. STATEMENTS

G. OTHERS
2. Test proposal No. 16-0152 dated 03/09/16 approved by RER.

4. Evidence submitted under previous approvals

A. DRAWINGS
1. Drawing No. PGT0005, titled “Series 770 H.P. Aluminum SGD – S.M.I.”, sheets 1 through 10 of 10, dated 08/05/07, prepared by manufacturer, revision “G” dated 04/03/17, signed and sealed by A. Lynn Miller, P. E.

B. 1. None.

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, FBC 6th Edition (2017), prepared by manufacturer, dated 04/18/17 and revised 08/14/17, signed and sealed by Lynn A. Miller, P.E.

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

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-1126.05
Expiration Date: March 24, 2025
Approval Date: January 09, 2020
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their “Trosifol Ultracelear, Clear and Color PVB Glass Interlayers” dated 01/19/17, expiring on 07/08/19.

F. STATEMENTS

G. OTHERS

5. New Evidence submitted

A. DRAWINGS
   1. Drawing No. PGT0005 Rev G, titled “Series 770 H.P. Aluminum SGD-SMI”, sheets 1 through 10 of 10, prepared by manufacturer, dated 08/05/07 and last revised on 12/11/19, signed and sealed by Lynn Miller, P.E.

B. TESTS
   1. None.

C. CALCULATIONS (submitted under file #17-0420.14)
   1. None
   2. Glazing complies with ASTM E-1300-02, -04 & -09.

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 19-0305.02 issued to Kuraray America, Inc. (former Dupont De Numinous) for their “Trosifol Ultracelear, Clear and Color PVB Glass Interlayers”, expiring on 07/08/24.

F. STATEMENTS
   1. Statement letter of conformance to FBC 2017 (6th Edition) and letter of no financial interest, prepared by PGT, dated 11/22/19, signed and sealed by Lynn Miller, P.E.

G. OTHER
   1. This NOA renews NOA # 17-0420.14.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-1126.05
Expiration Date: March 24, 2025
Approval Date: January 09, 2020

E - 4
GENERAL NOTES: SERIES 770 H.P. SMI SLIDING GLASS DOOR WITH REINFORCEMENT

1) GLAZING TYPE OPTIONS: (GLASS RECIPES ARE FROM EXTERIOR TO INTERIOR)
   GLASS STRENGTHS: T = TEMPERED
   INTERLAYER TYPES: .050 PVB
   G9 - 1" LAMINATED INSULATING GLASS: 3/16" T EXT. CAP. + 3/8" AIR SPACE + 7/16" LAMINATED; (2) LITES OF 3/16" T GLASS WITH .050 PVB INTERLAYER.
   G9A - 1" LAMINATED INSULATING GLASS: 1/4" T EXT. CAP. + 5/16" AIR SPACE + 7/16" LAMINATED; (2) LITES OF 3/16" T GLASS WITH .050 PVB INTERLAYER.
   G10 - 7/16" LAMINATED; (2) LITES OF 3/16" T WITH .050 PVB INTERLAYER.
   G10A - 1/4" LAMINATED; (2) LITES OF 1/4" T GLASS WITH .050 PVB INTERLAYER.

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, ASD.
   D. POSITIVE LOAD PROBABILITIES BASED ON OTHER SIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE. FOR ANCHORAGE DETAILS SEE SHEETS 4-6.
   E. SHUTTERS ARE NOT REQUIRED 30' ABOVE GRADE.
   F. INSTALLATION SCREWS, FRAME AND PANEL CORNERS TO BE SEALED WITH NARROW JOINT SEALANT.

8) DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE, AS APPLICABLE.

PRODUCTS RETURNED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE, AS APPLICABLE.

2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.
3) FOR STEEL STUDS, MIN. FU = 45 KSI, MIN. FY = 33 KSI.
4) FILLED BLOCK VALUES MAY ALSO BE USED IN HOLLOW BLOCK APPLICATIONS.
5) ANCHORS MUST BE OF SUFFICIENT LENGTH SO THAT A MINIMUM OF 3 THREADS EXTEND BEYOND METAL SUBSTRATE.
MAX. UNIT WIDTH 96"

MAX. DOOR UNIT HEIGHT 108"

XO, OX, XX

MAX. UNIT WIDTH 145 5/16"

MAX. DOOR UNIT HEIGHT 108"

OXX, XXO, OXO

MAX. UNIT WIDTH 191 1/2"

MAX. DOOR UNIT HEIGHT 108"

OXXO

APPROVED CONFIGURATIONS
### TABLE 1:

<table>
<thead>
<tr>
<th>Reinforced Interlocks</th>
<th>Heavy-duty Astragal</th>
<th>Heavy-duty Stiles</th>
<th>Design Pressure (DP) and Anchor Quantities Required</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Door Unit Height</strong></td>
<td><strong>90°</strong></td>
<td><strong>94°</strong></td>
<td><strong>98°</strong></td>
</tr>
<tr>
<td>69-7/8” DLO</td>
<td>+90-130</td>
<td>+90-130</td>
<td>+90-130</td>
</tr>
<tr>
<td>73-7/8” DLO</td>
<td>+90-130</td>
<td>+90-130</td>
<td>+90-130</td>
</tr>
<tr>
<td>79-7/8” DLO</td>
<td>+90-130</td>
<td>+90-130</td>
<td>+90-130</td>
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<tr>
<td>87-7/8” DLO</td>
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<td>91-7/8” DLO</td>
<td>+90-130</td>
<td>+90-130</td>
<td>+90-130</td>
</tr>
<tr>
<td>97-7/8” DLO</td>
<td>+90-130</td>
<td>+90-130</td>
<td>+90-130</td>
</tr>
<tr>
<td><strong>Anchor Group</strong></td>
<td>A B C D A B C D A B C D A B C D A B C D A B C D A B C D</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

---

![Diagram](HEAVY_DUTY_ASTRAGAL_HEAVY_DUTY_STILES.png)

**INTERLOCKS TO BE REINFORCED WITH THE #66 HEAVY-DUTY REINFORCEMENT HEAVY-DUTY STILES**

---

1. POSITIVE PRESSURES IN TABLE ARE BASED ON THE USE OF THE 4” SILL.
2. WHEN USING THE 2 1/2” SILL, POSITIVE DP IS 46.67 PSF MAX. AND WITH THE 3 1/4” SILL, POSITIVE PRESSURES IS 60.0 PSF MAX.

### SEE NOTES 1-3

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**HEAVY DUTY ASTRAGAL**

**HEAVY DUTY STILES**

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![Diagram](INTERLOCKS_TO_BE_REINFORCED_WITH_THE_66_HEAVY_DUTY_REINFORCEMENT_HEAVY_DUTY_STILES.png)

**NOTE:** JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

---

1. POSITIVE PRESSURES IN TABLE ARE BASED ON THE USE OF THE 4" SILL.
2. WHEN USING THE 2 1/2" SILL, POSITIVE DP IS 46.67 PSF MAX. AND WITH THE 3 1/4" SILL, POSITIVE PRESSURES IS 60.0 PSF MAX.
3. 2 1/2”, 3 1/4" AND 4" SILL HEIGHTS ARE TESTED FOR WATER INFILTRATION WHEREAS THE 1 1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 1 MAY BE USED WHEN THE DOOR IS PROTECTED BY AN OVERHANG COMPLYING WITH THE CURRENT FLORIDA BUILDING CODE (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFILTRATION.
4. SEE SHEETS 1, 5 & 6 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
5. DOOR SIZE TO COMPLY WITH FBC EGRESS REQUIREMENTS.

D.L.O. WIDTH = NOM. PANEL WIDTH - 7"
D.L.O. HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.868"
**EXAMPLE OXX ANCHORAGE PLAN:**

(3) PANEL, 48" x 108" DOOR FROM TABLE ON SHEET 4, ANCHOR TYPES A IN CONCRETE SUBSTRATE

<table>
<thead>
<tr>
<th>+2</th>
<th>C7</th>
<th>+2</th>
<th>C7</th>
<th>+2</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>24&quot; MAX. O.C.</td>
<td>(ADD ADDITIONAL ANCHOR MIDSPAN IF NEEDED)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48&quot; NOM. PANEL WIDTH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8&quot; MAX., TYP.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>108&quot; MAX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21&quot; MAX. O.C.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot; MAX.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(20) ANCHORS TOTAL @ EACH HEAD &amp; SILL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(12) ANCHORS PER JAMB</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(SEE SHEET 6 FOR CLUSTER O.C. SPACING)</td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

| 3-1/2" MAX. |
| 2.04" |
| 4.051" |
| 24" MAX. O.C. |
| INTERLOCK CENTERLINE |
| SEE CLUSTER DET., SHT. 6 |
| 3.5" MAX. O.C. |
| INTERIOR |
| 8" MAX. |
| ASTRAGAL CENTERLINE |
| 8" MAX. |
| LOCATED BELOW CENTER OF PANEL |
| 145-1/6" MAX. |
| EXTERIOR |

**ANCHORAGE REQUIREMENTS NOTES:**

1. APPROVED ANCHOR TYPES: SEE TABLE A, SHEET 1.
2. ANCHOR LOCATION SPACING FOR ANCHOR QUANTITIES SPECIFIED IN TABLE 1 ON SHEET 4.

**HEAD & SILL**

8" MAX. FROM FRAME CORNERS. USE SPECIFIED CLUSTER FROM TABLE ON SHEET 4 AT EACH INTERLOCK AND ASTRAGAL LOCATION. PLUS SPECIFIED QUANTITY OF ADDITIONAL INTERMEDIATE ANCHORS PER PANEL (THE 8" FROM CORNER ANCHORS CAN BE INCLUDED). ADDITIONAL ANCHORS 24" MAX. ON CENTER.

SEE EXAMPLE ANCHORAGE PLANS ABOVE AND EXAMPLE CLUSTERS AT ASTRAGAL / INTERLOCKS ON SHEET 6.

**JAMBS**

6" MAX. FROM BOTTOM AND 21" MAX. O.C. UTILIZING JAMB ANCHOR QUANTITIES FROM TABLE ON SHEET 4.

---

**PRODUCT RENEWED**

as complying with the Florida Building Code

**PRODUCT RENEWAL**

State of Florida

**PRODUCT RENEWAL**

by Anthony Lynn Miller

**LICENSE**

No. 56705

**LICENSE**

Anthony Lynn Miller, P.E.

**LICENSE**

500 Technology Drive
N. Venice, FL 34275
(941) 489-1899

**LICENSE**

CERT. OF AUTH. 003696
<table>
<thead>
<tr>
<th>PANEL LETTER</th>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>SINGLE Interlock</td>
<td>LOCKSTILE</td>
</tr>
<tr>
<td>A</td>
<td>SINGLE Interlock</td>
<td>LOCKSTILE</td>
</tr>
<tr>
<td>D</td>
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<td>LR</td>
<td>ASTRAGAL OUT</td>
<td>SINGLE Interlock</td>
</tr>
<tr>
<td>N</td>
<td>ASTRAGAL IN</td>
<td>SINGLE Interlock</td>
</tr>
<tr>
<td>C</td>
<td>SINGLE Interlock</td>
<td>ASTRAGAL IN</td>
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<tr>
<td>P</td>
<td>SINGLE Interlock</td>
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<td>R</td>
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<td>T</td>
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<td>FIXED LOCKSTILE</td>
</tr>
<tr>
<td>S</td>
<td>ASTRAGAL IN</td>
<td>FIXED LOCKSTILE</td>
</tr>
</tbody>
</table>

**Note:**

REINFORCEMENT (ITEM #66) REQUIRED AT ALL INTERLOCKS.

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**INTERIOR (ALL PANEL TYPES) EXTERIOR**

D.L.O. Width = Nom. Panel Width + 7"  
D.L.O. Height = Door Unit Height + 10.125"  
Panel Height = Door Unit Height + 1.866"

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**Diagram Details:**

- JAMB DETAIL "K" OR "L", Shl. 8 & Anchor Details "D" & "E", Shl. 6
- INTERLOCK DETAIL "J", Shl. 8
- ASTRAGAL DETAIL "M", Shl. 8
- EXTERIOR HEADER DETAIL "T", Shl. 8 & Anchor Details "A", "B" & "P", Shl. 6
- 191 1/2" MAX. UNIT WIDTH
- 41" MAX. D.L.O. WIDTH
- 108" MAX. DOOR UNIT HT. TYP.
- PANEL TYPE "L"
- PANEL TYPE "D"
- PANEL TYPE "P"
- PANEL CORNER CONSTRUCTION DETAILS BELOW
- OXXO (2 TRACK)
- SEE FRAME & PANEL CORNER CONSTRUCTION DETAILS BELOW
- REINF.
- SEE NOTE 3
- SILICONE BY OTHERS
- #6 X 1" PH SMS
- #10 X 1.50" PH SMS

**Notes:**

1. SEE THIS SHEET FOR INDIVIDUAL PANEL CONFIGURATIONS. MAX. NOMINAL PANEL WIDTH = 48". SEE SHL. 8 FOR SECTION DETAILS AND SHLS. 4-6 FOR ANCHORAGE DETAILS.
2. MAX. DLO WIDTH = 41"; MAX. DLO HEIGHT = 97 7/8"; MAX. PANEL HEIGHT = 106 1/8".
3. (1) Lock (Items 75 & 107-110) at each Lockstile, locking into Keeper (Item 103) at frame Jamb or Aastragal.

---

**Product Renewed:**

No. 58705

---

**License Information:**

A. Lynn Miller, P.E.
P.E. #58705

---

**Certification:**

CERT. OF AUTH. #29296

---

**Sheet Information:**

NO. 00599

---

**Drawing Details:**

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1000

---

**Series Information:**

SERIES 770 H.P. ALUMINUM SGD - SMI

---

**Panel Letter:**

K

---

**Scale Information:**

NTS 7 = 10

---

**Drawing Number:**

PGT0005 G

---

**Author:**

A. Lynn Miller, P.E.
**Part Illustrations**

(See Sheet 6 for installation details)

**Detail 'V'**

**Detail 'K' (Fixed Panel)**

**Detail 'L'**

**Detail 'M'**

**Detail 'N' Screen**

**Exterior Interior**

**Interior (All Horiz. Sections)**

**Exterior (All Vert. Sections)**

**Sill Risers Options**

(See D.P. Limit Table 1A, Sheet 4; See Sheet 6 for installation details)

**Flush Box Sill Riser (Not Valid for Water Infiltration Resistance)**

**Low Box Sill Riser (2-1/2')**

**Medium Box Sill Riser (3-1/4')**

**High Box Sill Riser (4')**

**Flush Flat Sill Riser (Not Valid for Water Infiltration Resistance)**

**Low Flat Sill Riser (2-1/2')**

**Medium Flat Sill Riser (3-1/4')**

**High Flat Sill Riser (4')**

**Product Renewed in compliance with the Florida Building Code**

**Certificate of Authorization #29996**

**Series 770 H.P. Aluminum SGD - SMI**

**Vertical & Horizontal Section Details**

**Cert. of Auth. 29996**

**602/775 H.P.**

**PGT0005 G**

**Anthony Lynn Miller, P.E.**

**Florida Professional Engineer**

**No. 59705**

**11/22/11**

**MDSI Project Control**
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NOTES:
1) ALL ALUMINUM = 6063-T6
2) ITEMS # 3, 4, 9-10, 12, 13, 16, 17, 26-39, 60, 67, 78, 84-99 & 118-122 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.