PGT Industries, Inc.
1070 Technology Drive,
Nokomis, 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-670" Aluminum Sliding Glass Doors w/ 90° & 135° corners -NI

APPROVAL DOCUMENT: Drawing No. PGT0128 Rev C, titled "Series 670 Alum SGD-Non-Impact", sheets 1 through 22 of 22, prepared by manufacturer, dated 02-02-14 and last revised on 04/18/17, signed and sealed by 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: None: Approved Hurricane Protection devices, complying w/ FBC, as applicable are required.

Limitations:
1. Max eight (8) panels configuration unit is allowed, having max nominal panel size not to exceed tested height & width per tables 1 thru 3. See sheets 6, 7 and 8 for Design Pressures (DP), glass types, sill type for Positive DP limits, applicable Standard or Heavy Duty parts and anchorage requirements. See Typ. Installation in sheet 10 for straight configured units, sheet 11 for corner units and sheet 14 for pocketed units. Pockets & Egress requirements 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 revises NOA # 16-0629.03 and 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 under previous approvals

A. DRAWINGS
   1. Manufacturer’s die drawings and sections (submitted under files See below)
   2. Drawing No. PGT0128 Rev B, titled “Series 670 Alum SGD-Non-Impact”, sheets 1 thru 22 of 22,
      prepared by manufacturer, dated 02-02-14 and last revised on 06/08/16, signed and sealed by Lynn
      Miller, P.E.

B. TESTS
   1. REF 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/ TPS, 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.
   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) 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 Reports No(s) FTL-5979, FTL-5980, FTL-5994, FTL-6002, FTL-6034 & FTL-6035, dated 08/10/09, all signed & sealed by Julio Gonzales, P.E. (All above test reports submitted under files #14-0123.11, #11-1018.17/#09-0826.13)
   2. Reference Test reports 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) 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 (b) and TAS 202-94
      Along w/ marked-up drawings and installation diagram of Aluminum Sliding Glass Doors, prepared by Fenestration Testing Laboratory, Inc., Test Reports NoFTL-7554, dated 11/01/13, signed & sealed by Marlin D. Brinson, P.E (This file has addendum letter dated 08/14/14 & marked-up drawings dated 08/19/14 & revised interior astragal marked-up Dwgs dated 11-11-13, all issued by Fenestration Testing
   3. Additional REF supporting test # FTL 5254, FTL 5980, FTL 5987 and ATI72138.01-401-18.

C. CALCULATIONS (submitted under file #14-0123.11)
   1. Anchor verification and comparative analysis dated 03/18/14, 06/25/14 and last revised on 01/30/15, sheets 1 thru 67, prepared by PGT, signed and sealed by Lynn Miller, P. E.
   2. Glazing complies with ASTM-E-1300-02, -04 & -09.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0420.09
Expiration Date: April 07, 2020
Approval Date: October 12, 2017

E - 1
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS (submitted under file #14-0123.11)
   1. Statement letter dated 10/08/15 of compliance to FBC 2014 (5th Edition) 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.

G. OTHER
   1. This NOA revises # 15-1013.14, expiring April 07, 2020.
   2. Test proposal # 16-0125 dated 03/09/16 approved by RER.
   4. Test proposal dated 6/4/13 & 08/12/13 approved by Jaime Gascon, P.E.
   5. Test proposals No(s) 09-0177, 0177-A, B & C approved by BCCO.

2. New Evidence submitted

A. DRAWINGS
   1. Drawing No. PGT0128 Rev C, titled “Series 670 Alum SGD-Non-Impact”, sheets 1 through 22 of 22, prepared by manufacturer, dated 02-02-14 and last revised on 04/18/17, signed and sealed by Lynn Miller, P.E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis dated 04/18/17 and last revised on 08/09/17, complying with FBC-217 (6th Edition), prepared by PGT, signed and sealed by Lynn Miller, P.E.
   2. Glazing complies with ASTM-1300-02, -04 & -09.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS

G. OTHER
   1. This NOA revises NOA # 16-0629.03, expiring April 07, 2020.

   Ishaq L. Chanda
   Product Control Examiner
   NOA No. 17-0420.09
   Expiration Date: April 07, 2020
   Approval Date: October 12, 2017

E - 2
## TABLE A:

<table>
<thead>
<tr>
<th>Anchor Group</th>
<th>Anchor Type</th>
<th>Frame Member</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>A</td>
<td>#12 18-8 SMS, F_{u} = 96 ksi, F_{p} = 98 ksi</td>
<td>All</td>
<td>Southern Pine (SO + 0.55)</td>
<td>8'/16&quot;</td>
<td>7'/16&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 410 SS SMS, F_{u} = 90 ksi, F_{p} = 91 ksi</td>
<td>All</td>
<td>6063-75 Aluminum</td>
<td>3'/16&quot;</td>
<td>9'/16&quot;</td>
<td>0.060&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gr. 33 Steel Stud</td>
<td>A36 Steel</td>
<td>3'/8&quot;</td>
<td>9'/16&quot;</td>
<td>0.050&quot;</td>
</tr>
<tr>
<td>B</td>
<td>1/4&quot; Eligro Acero-Gator®, F_{u} = 57 ksi, F_{p} = 56 ksi</td>
<td>Jamb / P-Post</td>
<td>Concrete (min. 2'2&quot;)</td>
<td>5'6&quot;</td>
<td>3'9&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jamb / P-Post</td>
<td>Filled Block (ASTM C656)</td>
<td>2'9&quot;</td>
<td>3'9&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All</td>
<td>Hollow Block (ASTM C656)</td>
<td>2'6&quot;</td>
<td>3'9&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td>#12 Steel 5455 (Gr. 5) min. 3 threads (1/4&quot; dia) beyond metal substrate</td>
<td>All</td>
<td>Southern Pine (SO + 0.55)</td>
<td>9'/16&quot;</td>
<td>7'/16&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A36 Steel</td>
<td>6063-75 Aluminum</td>
<td>3'/4&quot;</td>
<td>6'/16&quot;</td>
<td>0.060&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gr. 33 Steel Stud</td>
<td>A36 Steel</td>
<td>3'/8&quot;</td>
<td>9'/16&quot;</td>
<td>0.050&quot;</td>
</tr>
<tr>
<td>C</td>
<td>1/4&quot; Eligro UltraCon®</td>
<td>Jamb / P-Post</td>
<td>Concrete (min. 2'2&quot;)</td>
<td>3'6&quot;</td>
<td>1'6&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td>#155 ksi, F_{u} = 177 ksi</td>
<td>Jamb / P-Post</td>
<td>Hollow Block (ASTM C656)</td>
<td>2'9&quot;</td>
<td>1'6&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All</td>
<td>Concrete (min. 2-3')</td>
<td>5'6&quot;</td>
<td>3'9&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td>D</td>
<td>1/4&quot; Eligro UltraCon®</td>
<td>Jamb / P-Post</td>
<td>Concrete (min. 2'2&quot;)</td>
<td>5'6&quot;</td>
<td>3'9&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td>#155 ksi, F_{u} = 177 ksi</td>
<td>Jamb / P-Post</td>
<td>Filled Block (ASTM C656)</td>
<td>2'9&quot;</td>
<td>3'9&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All</td>
<td>Hollow Block (ASTM C656)</td>
<td>2'6&quot;</td>
<td>3'9&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td>1/4&quot; 410 SS Eligro CheatFlax® F_{u} = 127 ksi, F_{p} = 189 ksi</td>
<td>Jamb / P-Post</td>
<td>Concrete (min. 3'3&quot;)</td>
<td>3'6&quot;</td>
<td>1'6&quot;</td>
<td>1'-3&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jamb / P-Post</td>
<td>Hollow Block (ASTM C656)</td>
<td>2'9&quot;</td>
<td>1'6&quot;</td>
<td>1'-3&quot;</td>
</tr>
</tbody>
</table>

1) WHERE SUBSTRATE CONDITIONS REQUIRE ANCHORAGE FROM MORE THAN ONE OF THE ANCHOR GROUPS ABOVE, CHOOSE THE ANCHOR GROUP OF THE LOWEST LETTER FOR ALL SUBSTRATES IN THIS APPLICATION.
2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.
3) FOR STEEL STUDS, MIN. F_{u} = 45 KSI; MIN. F_{p} = 33 KSI.
4) FILLED BLOCK VALUES MAY ALSO BE USED IN HOLLOW BLOCK APPLICATIONS.
5) ANCHORS MUST BE OF SUFFICIENT LENGTH SUCH THAT A MINIMUM OF 3 THREADS EXTEND BEYOND METAL SUBSTRATE.

## 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 EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
2) FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE A, 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'-3/4" TO 1'-5/8" 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-SHRINK, NON-METALLIC GROUT, MAX. 1/4" THICK & 3400 PSI MIN. (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT ON THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

## GENERAL NOTES AND MAP

- SERIES 670 ALUM, SGD - NON-IMPACT
- 805-570
- NTS 1 = 22
- 57G-128
- 00670
- A. LYNN MILLER, P.E.
- P.E., SB 57010
- 100 TECHNOLOGY DRIVE
- N. VENICE, FL 34275
- (941) 480-1000
- CERT. OF AUTH. #20296
- 2015 CERTIFICATION & SIGNATURE
- A. LYNN MILLER, P.E., SB 57010
- ALL RIGHTS RESERVED

### SERIES 670, NON-IMPACT RESISTANT SLIDING GLASS DOOR 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, ASD.
3) ANCHORAGE: THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE. FOR ANCHORAGE DETAILS SEE SHEETS 6-14.
4) SHUTTERS ARE REQUIRED PER RBC REQUIREMENTS, AS APPLICABLE.
5) INSTALLATION SCREWS, FRAME SPLICES, FRAME PANEL CORNERS TO BE SEALED WITH NARROW JOINT SEALANT.
6) REFERENCES: ELCO ULTRACON, CRETAFLEX AND AGGREGATOR NOA'S, ANSFA/AFPA NDS FOR WOOD CONSTRUCTION AND ADM, 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 WIND (HVW).
8) DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE, AS APPLICABLE.
9) TEST REPORTS: TFL-5254, TFL-5979, TFL-5980, TFL-5987, TFL-5994, TFL-6002, TFL-6034, TFL-6035, TFL-7554 AND AT 72138.01-1401-18

### TABLE B:

<table>
<thead>
<tr>
<th>Glass Type</th>
<th>Description (Listed from Exterior to Interior)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1</td>
<td>3/16&quot; TEMPERED GLASS</td>
</tr>
<tr>
<td>G1A</td>
<td>1/4&quot; TEMPERED GLASS</td>
</tr>
<tr>
<td>G2</td>
<td>1/4&quot; I.G. 3/16&quot; TEMPERED GLASS + 5/8&quot; AIRSPACE + 3/16&quot; TEMPERED GLASS</td>
</tr>
<tr>
<td>G2A</td>
<td>1/4&quot; I.G. 1/4&quot; TEMPERED GLASS + 1/8&quot; AIRSPACE + 1/4&quot; TEMPERED GLASS</td>
</tr>
</tbody>
</table>

## DESIGN PRESSURE RATINGS

<table>
<thead>
<tr>
<th>See Tables 1, 2 &amp; on</th>
<th>Codes/Standards Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheets 6, 7, 8</td>
<td>2017 FLORIDA BUILDING CODE (FBC), 6TH EDITION</td>
</tr>
<tr>
<td></td>
<td>2016 FLORIDA BUILDING CODE (FBC), 5TH EDITION</td>
</tr>
<tr>
<td></td>
<td>ASTM E1300-09</td>
</tr>
<tr>
<td></td>
<td>ANSI/AFPA NDS-2015 FOR WOOD CONSTRUCTION</td>
</tr>
<tr>
<td></td>
<td>ALUMINUM DESIGN MANUAL, ADA-2015</td>
</tr>
<tr>
<td></td>
<td>ASI S105-12</td>
</tr>
<tr>
<td></td>
<td>AISI 304-10</td>
</tr>
</tbody>
</table>

### GENERAL NOTES

- EXAMPLE CONFIGS: 2-3
- GLAZING DETAILS: 4-5
- ANCHORAGE: 6-14
- DESIGN PRESSURES: 6-8
- INSTALL DETAILS: 12-14
- ELEVATIONS: 15, 16
- PANEL / SILL TYPES: 17
- CROSS SECTIONS: 18-19
- PARTS LIST: 20
- EXTRUSSIONS: 21, 22

### PRODUCT SVRS

- No. 57010
- E1270005-00670-00
- 310 TECHNOLOGY DRIVE
- N. VENICE, FL 34275
- (941) 480-1000
- CERT. OF AUTH. #20296
- 2015 CERTIFICATION & SIGNATURE
- A. LYNN MILLER, P.E., SB 57010
- ALL RIGHTS RESERVED
EXAMPLE CONFIGURATIONS

MAX. TESTED UNIT WIDTH = 355-1/16" @ 96" HEIGHT
300-7/8" @ 120" HEIGHT

NOM. PANEL WIDTH
PER TABLES 1-3

MAX. UNIT HEIGHT,
96" OR 120"

6-PANEL CONFIGURATIONS

MAX. UNIT WIDTH

NOM. PANEL WIDTH
PER TABLES 1-3

MAX. UNIT HEIGHT
PER TABLES 1-3

7-PANEL CONFIGURATIONS

MAX. UNIT WIDTH

NOM. PANEL WIDTH
PER TABLES 1-3

MAX. UNIT HEIGHT
PER TABLES 1-3

8-PANEL CONFIGURATIONS

CONSIGNMENTS NOTES:
1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS
POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB
LOCATIONS USING DETAIL "lw", "jw", "kw" OR "kw" INSTALLATION.
EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE
pXXXXp, pXXXXXp, 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

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

SHEET NUMBER

DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = DOOR UNIT HEIGHT - 10 1/2"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1 3/4"
3/16" TEMPERED GLASS, TYPE G1

1/4" TEMPERED GLASS, TYPE G1A
### TABLE 1

**Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)**

<table>
<thead>
<tr>
<th>Design Pressure</th>
<th>Anchor Group</th>
<th>Anchor Group</th>
<th>Anchor Group</th>
<th>Anchor Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>80° DLO</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
<tr>
<td>90° DLO</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
<tr>
<td>105° DLO</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
</tbody>
</table>

**NOTES:**
1. **PRESSURES IN TABLE 1 ARE BASED ON THE USE OF THE 4° SILL.**
2. **WHEN USING THE 5-1/2 SILL, POSITIVE WATER DP IS 46.67 PSF MAX. WHEN USING THE 3-1/4 SILL, POSITIVE WATER DP IS 60.00 PSF MAX. WHEN USING THE 4° SILL, POSITIVE WATER DP IS 90.00 PSF MAX (NEGATIVE Pressures Unchanged). SEE TABLE 1A.**
3. **3°-3/4" AND 2°-1/2" SILL HEIGHTS ARE TESTED FOR WATER INFLATION WHEREAS THE 1-1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. MAX, 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 INFLATION.**
4. **SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.**
5. **DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.**
6. **JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.**

---

### TABLE 1A

**Sill Height to Max. (+) DP**

<table>
<thead>
<tr>
<th>Sill Height (Flat or Box, see Sheet 17)</th>
<th>Design Pressure (Water Infiltration Rating)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low - 2-1/2&quot;</td>
<td>+ 46.67</td>
</tr>
<tr>
<td>Medium - 3-1/4&quot;</td>
<td>+ 60.00</td>
</tr>
<tr>
<td>High - 4&quot;</td>
<td>+ 90.00</td>
</tr>
</tbody>
</table>

SEE NOTES 1-3

---

**FOR EXAMPLE ON USING TABLE, SEE SHEET 7.**

**DLO WIDTH = NOM. PANEL WIDTH - 7"**

**DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"**

**PANEL HEIGHT = DOOR UNIT HEIGHT - 1.866"**

**THE FOLLOWING STILE & ASTRAGAL TYPES SHALL BE USED FOR TABLE 1, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.**

---

**Product Information:**

**DP AND ANCHORAGE**

**SERIES 670 ALUM. SGD - NON-IMPACT**

---

**Revised by:**

No. 58705

---

**Fabrication:**

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275 (941) 488-1080

**CERT. OF AUTH. #020066**

CERTIFICATE & DP NOT RESPONSIBLE OF ANY, NOT AUTHORIZED.

**P. J. KAY Sphere Products, Inc.**

**GASTON J. LEVY, P.E.**

**Serial No.:**

S67-670

**Honeywell**

**Date:** 04/05/17

**Located:** C

---

**TCEA NO.:**

P&G0128

**Type:** C

**Status:** 02/2014

**A. BUILDING CODE:**

**B. CERTIFICATION:**

**C. REVISION:**

---

**PRODUCT INFORMATION:**

**DP AND ANCHORAGE**

**SERIES 670 ALUM. SGD - NON-IMPACT**

---

**DESCRIPTION:**

Part #60 (x2) / Part #60 / Part #60 (Stile) / Part #67 (Astragal) / Part #66 (Stile) / Part #119 (in) / Part #61 (Stile) / Parts #31 & #32 (Corn. & Fed Mount)
### TABLE 2:

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

For corner astragal anchorage on 90° or 120° corner units, see sheet 11

<table>
<thead>
<tr>
<th>Anchor Group</th>
<th>90° DLO</th>
<th>120° DLO</th>
<th>90° DLO</th>
<th>120° DLO</th>
<th>90° DLO</th>
<th>120° DLO</th>
<th>90° DLO</th>
<th>120° DLO</th>
<th>90° DLO</th>
<th>120° DLO</th>
<th>90° DLO</th>
<th>120° DLO</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TABLE 2A:

**Sill Height to Max. (+) DP**

(Water Infiltration Rating)

<table>
<thead>
<tr>
<th>Sill Height</th>
<th>(+) Design Pressure, psf</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flush - 1-1/2</td>
<td>see note 3</td>
</tr>
<tr>
<td>Low - 2-1/2</td>
<td>+ 46.7</td>
</tr>
<tr>
<td>Medium - 3</td>
<td>+ 90.0</td>
</tr>
<tr>
<td>High - 4</td>
<td>+ 90.0</td>
</tr>
</tbody>
</table>

SEE NOTES 1-3

**DLO WIDTH = NOM. PANEL WIDTH - 7"**

**DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"**

**PANEL HEIGHT = DOOR UNIT HEIGHT - 1.866"**

---

**THE FOLLOWING STILE & ASTRAGAL TYPES SHALL BE USED FOR TABLE 2, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.**

- **Interlock**
- **P-Hook**
- **Lockstile @ Jamb**
- **Straight Astragal**
- **Lockstile @ Astragal Assembly**
- **90° Astragal**
- **Lockstile @ 90° Astragal Assembly**
- **135° Astragal**
- **Lockstile @ 135° Astragal**

---

**NOTES:**

1. **POSITIVE Pressures in Table 2 are based on the use of the 4° Sill.**
2. **When using the 2-1/2" Sill, positive water DP is 46.67 psf max.**
3. **When using the 3-1/4" Sill, positive water DP is 60.0 psf max.**
4. **3°, 3-1/4" and 2-1/2" SILL HEIGHTS ARE TESTED FOR WATER INFLATION WHEREAS THE 1-1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. MAX. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 2 MAY BE USED WHEN THE DOOR IS PROTECTED BY AN OVERHANGING SUPPORT WITH THE CURRENT FBC (SEE ADJACENT DIAGRAM); THIS CONDITION IS NOT RATED FOR WATER INFLATION.**
5. **Check 10-14 for anchor spacing, edge distance and embedment information.**
6. **Door size to comply with current BFC egress requirements when required.**
7. **Jambs anchors are specified as the total quantity, divide by 2 for parts to be installed.**

---

**DP AND ANCHORAGE**

**SERIES 670 ALUM. SGD - NON-IMPACT**

**SILL HEIGHT**

**FLUSH BOX, see Sheet 17**

**(+ Design Pressure, psf)**

**DLO WIDTH = NOM. PANEL WIDTH - 7"**

**DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"**

**PANEL HEIGHT = DOOR UNIT HEIGHT - 1.866"**

---

**EXAMPLE ON SHEET 9**

---

**PRODUCT TEST RESULTS**

To comply with the Florida Building Code.

**Acceptance No.**

**Expiration Date**

**Manufactured by**

** horrified INC.**

---

**ANTHONY L. MILLER, P.E.**

**No. 50705**

**PROFESSIONAL ENGINEER**

**STATE OF FLORIDA**

---

**A. L. MILLER, P.E.**

**No. 50705**

**PROFESSIONAL ENGINEER**

**STATE OF FLORIDA**

---

**5070 TECHNOLOGY DRIVE**

**MENLO PARK, CA 94025**

**(650) 498-1000**

**CENT. OF AUTH. NO. 000558**

**Corporation and Partners, Inc.**

**Table No.**

**SDG-970**

**Sheet: 7 + 22**

**PGT128**

**Rev. C**
TABLE 3:

| Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3) |
| For corner astragal anchorage on 60° or 135° corner units, see sheet 11 |
| Door Unit Height |
| 60° | 90° | 90° |
| 90° |
| 60°-7/8 DLO | 73-7/8 DLO | 76-7/8 DLO | 80-7/8 DLO |
| Anchor Type | Anchor Type | Anchor Type | Anchor Type |
| A | B | C | D | A | B | C | D | A | B | C | D | A | B | C | D |
| C | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 | C-1 |
| Jamb | 10 | 6 | 6 | 6 | 10 | 6 | 6 | 6 | 10 | 6 | 6 | 6 | 10 | 6 | 6 | 6 |
| P-hook | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

TABLE 3A:

| Sill Height to Max. (+) DP (Water Infiltration Rating) |
| Sill Riser Height (Flat or Box, see Sheet 17) |
| (+) Design Pressure, psf |
| Flush - 1-1/2" | Low - 2-1/2" | Medium - 3-1/2" |
| 90° | 90° | 90° |
| 60.0 | 48.07 | 59.0 |

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 46.67 PSF MAX. WHEN USING THE 3-1/4" SILL, 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) 34", 3-1/4" AND 2-1/2" SILL HEIGHTS ARE TESTED FOR WATER INFLTRATION WHEREAS THE 1-1/2" SILL IS NOT AND MUST ONLY BE USED WHERE WATER RESISTANCE IS NOT REQUIRED. MAX. POSITIVE DESIGN PRESSURES SHOWN IN TABLE 3 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 INFLTRATION.
4) SEE SHEETS 10-14 FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
5) DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

FOR EXAMPLE ON USING TABLE, SEE SHEET 7.
DLO WIDTH = NOM. PANEL WIDTH - 7" |
DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"

PANEL HEIGHT = DOOR UNIT HEIGHT - 1.866" |

THE FOLLOWING STILE & ASTRAGAL TYPES SHALL BE USED FOR TABLE 3, SEE SHEETS 21 & 22 FOR PART DIMENSIONS AND SHEETS 18 & 19 FOR ASSEMBLY DETAILS.
CONF. EXAMPLES

EXAMPLE: 90° INSIDE CORNER, 4 PANELS - XX/XX

NOTES:
1) SEE SHEET 17 FOR INDIVIDUAL PANEL CONFIGURATIONS AS APPLICABLE. SEE DP/ANCHOR TABLES, SHEETS 6-8 FOR MAX. PANEL HEIGHT AND WIDTH. SEE SHEETS 18 & 19 FOR SECTION DETAILS AND SHEETS 12-14 FOR INSTALLATION DETAILS.
2) (1) Lock (items 79 & 107-110) at each lockstile, locking into keepers (item 103) at frame jams or astragal.
3) PLEASE SEE APPLICABLE ASTRAGAL & INTERLOCK COMBINATIONS PER DP/ANCHOR TABLES.

HEADER DETAIL 'A', SHEET 18; INSTALLATION DETAILS 'Awm & 'Acm', SHEETS 12 & 13

SILL DETAIL 'D', SHEET 18; INSTALLATION DETAILS 'Dw & 'Dcm', SHEETS 12 & 13

INTERLOCK DETAIL 'M', SHEET 19

CORNER DETAIL 'N2', SHEET 19 & CORNER ANCHORAGE SHEET 11

JAMB DETAIL 'G3', SHEET 18; INSTALLATION DETAILS 'Gw & 'Gcm', SHEETS 12 & 13

DLO WIDTH = NOM. PANEL WIDTH - 7"
DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.666"

SILICONE BY OTHERS

#10 X 1-1/2" PH SMS

#8 X 1" PH SMS

MAX. UNIT WIDTH

MAX. DLO WIDTH

NOM. PANEL WIDTH TYP. PER TABLES 1-3

MAX. PANEL WIDTH

MAX. UNIT HEIGHT PER TABLES 1-3

MAX. DLO HEIGHT

INTERIOR

EXTERIOR

90°
<table>
<thead>
<tr>
<th>PANEL TYPES</th>
<th>SINGLE INTERLOCK OUT</th>
<th>SINGLE INTERLOCK IN</th>
<th>FIXED STILE</th>
<th>LOCKSTILE W/HANDLE</th>
<th>ASTRAGAL BOX OUT</th>
<th>ASTRAGAL BOX IN</th>
<th>ASTRAGAL BOX OUT W/HANDLE</th>
<th>ASTRAGAL BOX IN W/HANDLE</th>
<th>INT CORNER 90° LOCKSTILE W/HANDLE</th>
<th>EXT CORNER 90° RECEIVER W/HANDLE</th>
<th>EXT CORNER 90° RECEIVER W/HANDLE</th>
<th>INT CORNER 90° RECEIVER W/HANDLE</th>
<th>EXT CORNER 90° RECEIVER W/HANDLE</th>
<th>INT CORNER 90° RECEIVER W/HANDLE</th>
<th>EXT CORNER 90° RECEIVER W/HANDLE</th>
<th>INT CORNER 90° RECEIVER W/HANDLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE INTERLOCK OUT</td>
<td>F</td>
<td>PP</td>
<td>K</td>
<td>L</td>
<td>TR</td>
<td>TQ</td>
<td>TC</td>
<td>TA</td>
<td>TV</td>
<td>TW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SINGLE INTERLOCK IN</td>
<td>B</td>
<td>E</td>
<td>P</td>
<td>A</td>
<td>C</td>
<td>IC</td>
<td>SQ</td>
<td>SC</td>
<td>SA</td>
<td>SV</td>
<td>SW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIXED STILE</td>
<td>R</td>
<td>R</td>
<td>S</td>
<td>S</td>
<td>C</td>
<td>IC</td>
<td>SQ</td>
<td>SC</td>
<td>SA</td>
<td>FD</td>
<td>FC</td>
<td>FV</td>
<td>FW</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LOCKSTILE W/HANDLE</td>
<td>D</td>
<td>M</td>
<td>J</td>
<td>J</td>
<td>T</td>
<td>U</td>
<td>T</td>
<td>U</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASTRAGAL BOX OUT</td>
<td>LR</td>
<td>N</td>
<td>T</td>
<td>U</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASTRAGAL BOX IN</td>
<td>RT</td>
<td>CI</td>
<td>QT</td>
<td>QS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INT CORNER 90° LOCKSTILE W/HANDLE</td>
<td>AT</td>
<td>AS</td>
<td>DF</td>
<td>CF</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EXT CORNER 90° LOCKSTILE W/HANDLE</td>
<td>VT</td>
<td>VS</td>
<td>VF</td>
<td>WT</td>
<td>WS</td>
<td>WF</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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° AST RAGALS TO USE HEAVY-DUTY STILES (#61), CORNER RECEIVER (#118) AND EITHER EXTERIOR (#119) OR INTERIOR (#120) CORNER AST RAGALS.
4. 135° AST RAGALS TO USE HEAVY-DUTY STILES (#61) AND CORNER ADD ON (#31).

**SILL RISERS OPTIONS**

**NOT VALID FOR WATER INFILTRATION RESISTANCE REQUIREMENTS, SEE SHEETS 6-8**
<table>
<thead>
<tr>
<th>Item #</th>
<th>PGT #</th>
<th>PGT Dwg. #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>17208</td>
<td>617306</td>
<td>2-TRACK HEAD</td>
</tr>
<tr>
<td>2</td>
<td>17209</td>
<td>617303</td>
<td>2-TRACK HEAD WITH SCREEN RAL</td>
</tr>
<tr>
<td>3</td>
<td>17210</td>
<td>617309</td>
<td>3-TRACK HEAD</td>
</tr>
<tr>
<td>4</td>
<td>17211</td>
<td>617312</td>
<td>4-TRACK HEAD</td>
</tr>
<tr>
<td>5</td>
<td>17314</td>
<td>617314</td>
<td>FRAME SCREW COVER</td>
</tr>
<tr>
<td>6</td>
<td>17317</td>
<td>617317</td>
<td>FRAME HEAD JAMB SCREEN ADD-ON</td>
</tr>
<tr>
<td>7</td>
<td>17304</td>
<td>617304</td>
<td>2-TRACK SILL</td>
</tr>
<tr>
<td>8</td>
<td>17203</td>
<td>617301</td>
<td>2-TRACK SILL WITH SCREEN RAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3-TRACK SILL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4-TRACK SILL</td>
</tr>
<tr>
<td>10</td>
<td>17310</td>
<td>617310</td>
<td>6-TRACK SILL</td>
</tr>
<tr>
<td>11</td>
<td>17313</td>
<td>617313</td>
<td>FRAME SILL TRACK INSERT</td>
</tr>
<tr>
<td>12</td>
<td>17315</td>
<td>617315</td>
<td>FRAME SILL SCREEN ADD-ON (SEE NOTE 3)</td>
</tr>
<tr>
<td>13</td>
<td>17316</td>
<td>617316</td>
<td>FRAME SILL SCREEN END ADD-ON (SEE NOTE 3)</td>
</tr>
<tr>
<td>14</td>
<td>17317</td>
<td>617317</td>
<td>2-TRACK JAMB</td>
</tr>
<tr>
<td>15</td>
<td>17302</td>
<td>617302</td>
<td>2-TRACK JAMB WITH SCREEN RAL</td>
</tr>
<tr>
<td>16</td>
<td>17308</td>
<td>617306</td>
<td>3-TRACK JAMB</td>
</tr>
<tr>
<td>17</td>
<td>17111</td>
<td>617311</td>
<td>4-TRACK JAMB</td>
</tr>
<tr>
<td>18</td>
<td>17322</td>
<td>617322</td>
<td>SILL RISER - FLAT, FLUSH, 1-1/2&quot;</td>
</tr>
<tr>
<td>19</td>
<td>17319</td>
<td>617319</td>
<td>SILL RISER - BOX FLUSH, 1-1/2&quot;</td>
</tr>
<tr>
<td>20</td>
<td>17321</td>
<td>617321</td>
<td>SILL RISER - FLAT LOW, 2-1/2&quot;</td>
</tr>
<tr>
<td>21</td>
<td>17318</td>
<td>617318</td>
<td>SILL RISER - BOX LOW, 2-1/2&quot;</td>
</tr>
<tr>
<td>22</td>
<td>17335</td>
<td>617335</td>
<td>SILL RISER - FLAT MEDIUM, 3-1/4&quot;</td>
</tr>
<tr>
<td>23</td>
<td>17334</td>
<td>617334</td>
<td>SILL RISER - BOX MEDIUM, 3-1/4&quot;</td>
</tr>
<tr>
<td>24</td>
<td>17333</td>
<td>617333</td>
<td>SILL RISER - FLAT HIGH, 4&quot;</td>
</tr>
<tr>
<td>25</td>
<td>17332</td>
<td>617332</td>
<td>SILL RISER - BOX HIGH, 4&quot;</td>
</tr>
<tr>
<td>26</td>
<td>17333</td>
<td>617333</td>
<td>POCKET P-HOOK</td>
</tr>
<tr>
<td>27</td>
<td>7070</td>
<td>67070</td>
<td>NEOPRENE BULB WSP FOR P-HOOK</td>
</tr>
<tr>
<td>28</td>
<td>17334</td>
<td>617334</td>
<td>POCKET P-HOOK MOUNT</td>
</tr>
<tr>
<td>29</td>
<td>17336</td>
<td>617336</td>
<td>P-HOOK COVER</td>
</tr>
<tr>
<td>30</td>
<td>17348</td>
<td>617348</td>
<td>POCKET P-HOOK FOR BOX RISER</td>
</tr>
<tr>
<td>31</td>
<td>17376</td>
<td>617376</td>
<td>135 GOR</td>
</tr>
<tr>
<td>32</td>
<td>17376</td>
<td>617376</td>
<td>135 GOR MOUNT</td>
</tr>
<tr>
<td><strong>ITEMS 40-53 ARE SCREEN PARTS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>4319</td>
<td>612528</td>
<td>SCREEN SIDE RAIL - LOCKSTILE</td>
</tr>
<tr>
<td>41</td>
<td>76686</td>
<td>612385</td>
<td>SCREEN LOCKSET</td>
</tr>
<tr>
<td>42</td>
<td>31818</td>
<td>612385</td>
<td>SCREEN LOCKER SPACER SET</td>
</tr>
<tr>
<td>43</td>
<td>8152</td>
<td>68152</td>
<td>SCREEN INTERLOCK ADAPTOR</td>
</tr>
<tr>
<td>44</td>
<td>4428</td>
<td>64428</td>
<td>SCREEN DOUBLE INTERLOCK</td>
</tr>
<tr>
<td>45</td>
<td>4311</td>
<td>612526</td>
<td>SCREEN TOP RAL</td>
</tr>
<tr>
<td>46</td>
<td>4312</td>
<td>612527</td>
<td>SCREEN BOTTOM RAL</td>
</tr>
<tr>
<td>47</td>
<td>668</td>
<td>76RAZ</td>
<td>STANDARD ROLLER</td>
</tr>
<tr>
<td>48</td>
<td>76RAX</td>
<td>66RAZ</td>
<td>STANDARD ROLLER - ST. STL</td>
</tr>
<tr>
<td>49</td>
<td>63844</td>
<td>61344</td>
<td>SCREEN ASTRAIL</td>
</tr>
<tr>
<td>50</td>
<td>61349</td>
<td>61349</td>
<td>ORG SCREEN ASTRAIL ADAPTOR</td>
</tr>
<tr>
<td>51</td>
<td>61962</td>
<td>61962</td>
<td>SCREEN SPLINE - 1/65</td>
</tr>
<tr>
<td>52</td>
<td>61962</td>
<td>61964</td>
<td>SCREEN SPLINE - 1/55</td>
</tr>
<tr>
<td>53</td>
<td>61892</td>
<td>61892</td>
<td>SCREEN CLOTH</td>
</tr>
<tr>
<td>54</td>
<td>17225</td>
<td>617325</td>
<td>1/2&quot; X 4&quot; X 1/16&quot; SET BLOCK, NEOPRENE 85+5</td>
</tr>
<tr>
<td>55</td>
<td>17226</td>
<td>617326</td>
<td>1&quot; X 4&quot; X 1/16&quot; SET BLOCK, NEOPRENE 85+5</td>
</tr>
</tbody>
</table>

**NOTES:**
1) ALL ALUMINUM = 6063-T6
2) ITEMS # 33-39, 56-59, 66, 81, 84-99, 121 & 122 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.
3) USE OF #12 OR #13 REQUIRES MIN. #10 SMS OR 3/16" MASONRY ANCHORS @ 24" MAX. O.C.
See Sheet 17 for Sill Risers.

Requirements:
- Track Head
- Track Jamb
- Track Sill
- Screen Track
- Screen Bille
- Screen Top Rail
- Screen Bottom Rail
- Frame Track

Dimensions:
- 1.211" width
- 0.081" height
- 6.198" depth
- 9.142" depth
- 1.045" depth
- 1.993" depth
- 1.019" depth
- 0.062" depth
- 0.081" depth
- 0.080" depth
- 0.060" depth
- 0.062" depth
- 0.081" depth
- 0.060" depth
- 0.062" depth
- 0.060" depth
- 0.060" depth
- 0.060" depth
- 0.060" depth
- 0.060" depth

NOTES:
- Requires Min. #10 SMS or 3/16" Masonry Anchors @ 24" Max. O.C.