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.


APPROVAL DOCUMENT: Drawing No. MD-SH800SM-01, titled “SH Window – Small Missile”, sheets 1 through 8 of 8, dated 11/11/11, with revision C dated 06/16/17, prepared by manufacturer, signed and sealed by A. 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: 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# 16-0714.02 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.
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's die drawings and sections.
   *(Submitted under NOA No. 11-1222.05)*
2. Drawing No. MD-SH800SM-01, titled “SH Window – Small Missile”, sheets 1 through 8 of 8, dated 11/11/11, with revision C dated 06/16/17, 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. 16-0714.02)*
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) 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, and TAS 202-94
   along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-6642, dated 10/03/11, signed and sealed by Marlin D. Brinson, P.E.
   *(Submitted under NOA No. 11-1222.05)*

C. CALCULATIONS
2. Glazing complies with ASTM E1300-04

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

   [Signature]
   Jorge M. Plasencia, P.E.
   Product Control Unit Supervisor
   NOA No. 17-0630.04
   Expiration Date: May 03, 2022
   Approval Date: October 26, 2017
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® UltraClear, Clear and Color PVB Glass Interlayers” dated 01/19/17, expiring on 07/08/19.

F. STATEMENTS
2. Statement letter of no financial interest, dated 06/22/17, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Proposal No. 16-1372B issued by the Product Control Section, dated 11/09/16, signed by Manuel Perez, P.E.
4. 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. 16-0714.02)
5. Laboratory compliance letter for Test Reports No. FTL-6642, issued by Fenestration Testing Laboratory, Inc., dated 10/03/11, signed and sealed by Marlin D. Brinson, P.E. (Submitted under NOA No. 11-1222.05)

G. OTHERS
1. Notice of Acceptance No. 16-0714.02, issued to PGT Industries, Inc. for their Series “SH-800” Aluminum Single Hung Window - S.M.I.” approved on 08/18/16 and expiring on 05/03/22.

Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 17-0630.04
Expiration Date: May 03, 2022
Approval Date: October 26, 2017
TABLE 2

<table>
<thead>
<tr>
<th>Anchor Group</th>
<th>Anchor</th>
<th>Substrate</th>
<th>Min. Edge Distance</th>
<th>Min. Embedment</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>#12, Steel S10 (G4) or #12, 410 SS SASM</td>
<td>P.T. Southern Pine (G0 = 50) or Steel Stud, G1 33 min.</td>
<td>3/8&quot;</td>
<td>0.015 (18 G4) ± 0.005 A36 Steel</td>
</tr>
</tbody>
</table>

**M.N. OF 3 THREADS BEYOND THE METAL SUBSTRATE.**

NOTES:
1) FOR BUCK DIMENSIONS, SUBTRACT "1" FROM WINDOW WIDTH OR HEIGHT.
2) "MR" = "MEETING RAIL".
3) FOR OVERALL SASH WIDTH, SUBTRACT 2" FROM THE WINDOW WIDTH.
4) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
5) SEE SHEET 2 FOR INSTALLATION DETAILS.

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 17-063.04
Expiration Date 05/03/2022
By Miami-Dade Product Control

Revisions:

- SASH HEIGHT RANGES INCLUDES THE STANDARD PREVIEW / GOREL CONFIGURATION.
### Table 1: Anchor Quantities Required - Group B Anchors

<table>
<thead>
<tr>
<th>Anchor Group</th>
<th>Anchor</th>
<th>Substrate</th>
<th>Min. Edge Distance</th>
<th>Min. Embedment</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>#14, Steel SMS (CS) or #114, AISI SMS</td>
<td>P.T. Southern Pine (G8 = 55)</td>
<td>9 1/2&quot;</td>
<td>1-3/8&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6063-T5 Alum</td>
<td>5/8&quot;</td>
<td>1/8&quot; **</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Steel Stud, Gr. 33 min.</td>
<td>3/8&quot;</td>
<td>0.045 (18 Ga.) **</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A35 Steel</td>
<td>3/8&quot;</td>
<td>1/8&quot; **</td>
</tr>
</tbody>
</table>

*Min. of 3 THREADS BEYOND THE METAL SUBSTRATE.

**NOTES:**

1. For buck dimensions, subtract 1" from window width or height.
2. "HR" = MEETING RAIL
3. For overall sash height, subtract 2.625" from the window width.
4. For sizes not shown, round up to the next available width or height dimension shown on the table.
5. See Sheet 2 for installation details.

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**PRODUCT REVISED as complying with the Florida Building Code***

NDA-No. 17-0630.04

Expiration Date 05/03/2022

By Miami-Dade Product Control

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**DIAGRAM:**

- **SAFETY VISIBLE LIGHT HEIGHT:**
  - **SHS Height, 39-1/2" max.**

- **SAFETY VISIBLE LIGHT FORMULAS:**
  - Width = Window Width + 4.875" + Height = Sash Height - 4.250"
  - Fixed Visible Light Formulas: Width = Window Width + 3.5" + Height = Window Height - Sash Height - 3.336"

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**Material**

<table>
<thead>
<tr>
<th>Material</th>
<th>Min. Fc</th>
<th>Min. Fp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Screw</td>
<td>92 ksi</td>
<td>120 ksi</td>
</tr>
<tr>
<td>410 Sc worm</td>
<td>90 ksi</td>
<td>110 ksi</td>
</tr>
<tr>
<td>6063-T5 Alum</td>
<td>16 ksi</td>
<td>22 ksi</td>
</tr>
<tr>
<td>A35 Steel</td>
<td>56 ksi</td>
<td>65 ksi</td>
</tr>
<tr>
<td>Gr. 33 Steel Stud</td>
<td>33 ksi</td>
<td>45 ksi</td>
</tr>
</tbody>
</table>

**Revision:**

- **Description:** ANCHOR QUANTITIES B
- **Project:** SH WINDOW - SMALL MISSILE
- **Date:** 11/11/11

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**NY**

- **AMETHYTH LYN MILLER**
- **PROFESSIONAL ENGINEER**
- **BOARD OF FLORIDA STATE BOARD OF ENGINEERS**
- **No. 58765**
- **1070 TECHNOLOGY DRIVE**
  - N. VENICE, FL 34285
  - (941) 955-1900
- **CERT. OF ALTH. No. 06296**

**Series/Model:** SH-800
- **Scale:** NTS
- **Sheet:** 4 OF 8
- **Drawing No.:** MD-SH800SM-01 C
### TABLE 4:

**ANCHOR QUANTITIES REQUIRED - Group C Anchors**

<table>
<thead>
<tr>
<th>Sash Height or Height Range</th>
<th>Overall Window Width</th>
<th>Anchor</th>
<th>Substrate</th>
<th>Min. Edge Distance</th>
<th>Min. Embedment</th>
</tr>
</thead>
<tbody>
<tr>
<td>19-1/2&quot; - 26-1/2&quot;</td>
<td>12-3/4&quot; (Eqv Lintel)</td>
<td>Jamb</td>
<td>Concrete</td>
<td>1&quot;</td>
<td>1-3/8&quot;</td>
</tr>
<tr>
<td>24-1/2&quot;</td>
<td>13-1/4&quot; (Eqv Lintel)</td>
<td>Jamb</td>
<td>Filled Block, (ASTM C65)</td>
<td>2-1/2&quot;</td>
<td>1-3/4&quot;</td>
</tr>
<tr>
<td>35-1/2&quot;</td>
<td>18-5/8&quot; (Eqv Lintel)</td>
<td>Jamb</td>
<td>Concrete</td>
<td>2-1/2&quot;</td>
<td>1-3/4&quot;</td>
</tr>
<tr>
<td>45&quot;</td>
<td>25-1/4&quot; (Eqv Lintel)</td>
<td>Jamb</td>
<td>Hollow Block, (ASTM C65)</td>
<td>2-1/2&quot;</td>
<td>1-3/4&quot;</td>
</tr>
<tr>
<td>50-1/2&quot;</td>
<td>10-1/2&quot; (Eqv Lintel)</td>
<td>Jamb</td>
<td>F.T. Southern Pine (SG ≤ .55)</td>
<td>1&quot;</td>
<td>1-3/4&quot;</td>
</tr>
</tbody>
</table>

### FIGURE A: SASH CROSS SECTION (LINGED INSULATED GLASS)

- **SASH VISIBLE LIGHT HEIGHT**
- **SASH HEIGHT, 39-1/2" MAX.**

### NOTES:
1. FOR BRICK DIMENSIONS, SUBTRACT 1" FROM WINDOW WIDTH OR HEIGHT.
2. "NAT" = "NEETING RAIL"
3. FOR OVERALL SASH WIDTH, SUBTRACT 2-1/16" FROM THE WINDOW WIDTH.
4. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION SHOWN ON THE TABLE.
5. SEE SHEET 2 FOR INSTALLATION DETAILS.

### PRODUCT REVISED
as complying with the Florida Building Code

No. No.
17-0630.04
Expiration Date 05/03/2022

By Miami-Dade Product Control
NOTES:
1) GLASS & FIXED LITE BEADING NOT SHOWN FOR CLARITY.
2) HARDWARE FOR BOTH TYPES OF BALANCES SHOWN:
REFER TO TABLE 7, SHEET 6 FOR SPECIFIC HARDWARE REQUIREMENTS USED FOR EACH BALANCE TYPE.