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 “PW7720A” Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. MD-7720A.1, titled “Fixed Window Installation Guidelines”, sheets 1 through 10 of 10, dated 04/12/13, with revision D dated 03/16/18, 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 and renews NOA# 17-0614.11 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

NOA No. 18-0430.05
Expiration Date: February 19, 2024
Approval Date: August 23, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.  
   (Submitted under NOA No. 08-1112.09)

2. Drawing No. MD-720-820.1, titled "Fixed Window Installation Guidelines", sheets 1 through 11 of 11, dated 04/12/13, with revision C dated 06/06/17, 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: Kodispave 4SG TPS spacer system, Duraseal® spacer system, Super Space® 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 NOA No. 16-0629.14)

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 fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-7212, dated 03/21/13, signed and sealed by Marlin D. Brinson, P.E.  
   (Submitted under NOA No. 13-0502.03)

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
   along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. FTL-3835 and FTL-3850, dated 07/18/03 and 07/31/03 respectively, all signed and sealed by Joseph C. Chan, P.E.  
   (Submitted under NOA No. 03-1105.01)

Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 18-0430.05  
Expiration Date: February 19, 2024  
Approval Date: August 23, 2018
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS
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® Ultraclear, 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 Interlayer" dated 06/25/15, expiring on 07/04/18.
3. TREMCO Part No. TR-14271E EPDM exterior glazing gasket complying with the following:
   a) ASTM C864 Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers with Option II exceptions.
   b) ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension of 1600 PSI.
   c) ASTM D395B Test Methods for Rubber Property - Compression Set for 22 HRS 158°F.
   d) ASTM D 624 Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers of 143 lb/in.

[Signature]
Manuel Perez, P.E.
Product Control Examiner
NOA No. 18-0450.05
Expiration Date: February 19, 2024
Approval Date: August 23, 2018

E - 2
PGT Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS
2. Statement letter of no financial interest, dated 06/09/17, 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 03/09/16, signed by Ishaq Chanda, P.E.
5. Laboratory compliance letter for Test Report No. FTL-7212, dated 03/21/13, signed and sealed by Marlin D. Brinson, P.E. (Submitted under NOA No. 13-0502.03)
6. Laboratory compliance letter for Test Reports No. FTL-3835 and FTL-3850, dated 07/18/03 and 07/31/03 respectively, all signed and sealed by Joseph C. Chan, P.E. (Submitted under NOA No. 03-1105.01)

G. OTHERS
1. Notice of Acceptance No. 16-0629.14, issued to PGT Industries for their Series “PW-701/720/820” Aluminum Fixed Window – L.M.I.” approved on 08/04/16 and expiring on 02/19/19.

2. NEW EVIDENCE SUBMITTED
A. DRAWINGS
1. Drawing No. MD-7720A.1, titled “Fixed Window Installation Guidelines”, sheets 1 through 10 of 10, dated 04/12/13, with revision D dated 03/16/18, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

[Signature]
Manuel Perez, P.E.
Product Control Examiner
NOA No. 18-0430.05
Expiration Date: February 19, 2024
Approval Date: August 23, 2018
PGT Industries, Inc.

NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

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
   7) Drop Load Test, per CPCS 16 CFR 1201 (Cat 11) and ANSI Z97.1
      (400 foot-pound impact)

   along with marked-up drawings and installation diagram of a series PW7620/PW7720
   aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test
   Report No. FTL-18-7763, dated 03/19/18, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC 6th
   Edition (2017), prepared by manufacturer, dated 04/19/18, signed and sealed by
   Anthony Lynn Miller, P.E.

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 17-1114.14 issued to Kuraray America, Inc. for their
   “Trosifol® Ultraglare, Clear and Color PVB Glass Interlayers” dated 01/18/18,
   expiring on 07/08/19.
2. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. for their
   “SentryGlas® (Clear and White) Glass Interlayers” dated 12/28/17, expiring on
   07/04/23.

F. STATEMENTS
   20, 2018, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest, dated April 20, 2018, issued by manufacturer,
   signed and sealed by Anthony Lynn Miller, P.E.
3. Proposal No. 17-1508 issued by the Product Control Section, dated November 16,
   2017, signed by Jorge Plasencia, P.E., Product Control Unit Supervisor.

G. OTHERS
1. Notice of Acceptance No. 17-0614.11, issued to PGT Industries, Inc. for their Series
   “PW-701/720/820” Aluminum Fixed Window – L.M.I., approved on 10/12/17 and
   expiring on 02/19/19.

   [Signature]
   Manuel Perez, P.E.,
   Product Control Examiner
   NOA No. 18-0430.05
   Expiration Date: February 19, 2024
   Approval Date: August 23, 2018

E - 4
### Table 2: Window Design Pressure (+/-, psf) for Glass Type 1

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</table>

1) Tip-to-tip dimensions shown for integral fin and equal leg windows. Subtract 1 from the tip-to-tip dimension in the table to determine the window size.
2) For sizes not shown, round up to the next available short or long dimension.
3) For architectural windows, find the smallest window size in the table above which the overall dimensions completely fit within.

### Table 3: Window Design Pressure (+/-, psf) for Glass Type 3

<table>
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</tr>
</tbody>
</table>

1) Tip-to-tip dimensions shown for integral fin and equal leg windows. Subtract 1 from the tip-to-tip dimension in the table to determine the window size.
2) For sizes not shown, round up to the next available short or long dimension.
3) For architectural windows, find the smallest window size in the table above which the overall dimensions completely fit within.

*Note: Table dimensions may be oriented vertically or horizontally as shown.*
### Table 7: Window Design Pressure (+/-, psf) for Glass Types 6 & 8

<table>
<thead>
<tr>
<th>Long Side, Tip to Tip (in)</th>
<th>68-7/8</th>
<th>73</th>
<th>77</th>
<th>78-3/4</th>
<th>81</th>
<th>85</th>
<th>89</th>
<th>93</th>
<th>97</th>
<th>101</th>
<th>105</th>
<th>109</th>
<th>110-1/2</th>
<th>113</th>
<th>117</th>
<th>121</th>
<th>125</th>
<th>129</th>
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<th>145</th>
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<td>+90-130</td>
<td>+90-130</td>
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<td>+90-130</td>
</tr>
</tbody>
</table>

1) **Tip-to-tip dimensions shown. For integral fin and equal leg windows, subtract 1" from the tip-to-tip dimension to determine the window size.**

2) **For sizes not shown, round up to the next available short or long dimension.**

3) **For architectural windows, find the smallest window size in the table above which the overall dimensions completely fit within.**

---

**Diagram Descriptions:**

- **Glass Type 6:**
  - 7/16" laminated glass stack
  - 3/16" heat strengthened glass
  - 3/16" tempered glass
  - 7/16" air space
  - 5/8" glass bite

- **Glass Type 8:**
  - 7/16" laminated glass stack
  - 3/16" heat strengthened glass
  - 3/16" heat strengthened glass
  - 7/16" air space
  - 5/8" glass bite

---

**Table Dimensions:**

- Table dimensions may be oriented vertically or horizontally as shown.

---

**References:**

- [Fixed Window Installation Guide, Florida Building Code](https://www.floridabuildingcode.org/)
- [By ANTHONY LYNN MILLER, P.E.](https://www.anthonylynnmiller.com/)

---

**Contact Information:**

- [Design|engineer|window|installation|ANTHONY|LYNN|MILLER|P.E.](https://www.anthonylynnmiller.com/)
- [Fleming Island, FL 32003](https://www.anthonylynnmiller.com/)
- [Phone: 904-248-6000](https://www.anthonylynnmiller.com/)
- [Fax: 904-248-6001](https://www.anthonylynnmiller.com/)
- [Email: info@anthonylynnmiller.com](https://www.anthonylynnmiller.com/)
**HORIZONTAL SECTION C-C**

### Table 9:

<table>
<thead>
<tr>
<th>Anchor</th>
<th>Substrate</th>
<th>Min. Edge Distance</th>
<th>Min. Embedment</th>
<th>Max O.C. Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>#12 or #14 410 SS Screw</td>
<td>Southern Pine (S6-0.5)</td>
<td>9 1/16”</td>
<td>1 3/8”</td>
<td>12”</td>
</tr>
<tr>
<td></td>
<td>Aluminum, 6063-T5 min</td>
<td>3/8”</td>
<td>0.063”</td>
<td>12”</td>
</tr>
<tr>
<td></td>
<td>Steel, 0.032”</td>
<td>3/8”</td>
<td>0.063”</td>
<td>12”</td>
</tr>
<tr>
<td></td>
<td>Steel, 0.036”</td>
<td>3/8”</td>
<td>0.063”</td>
<td>12”</td>
</tr>
<tr>
<td></td>
<td>Steel, 0.045”</td>
<td>3/8”</td>
<td>0.063”</td>
<td>12”</td>
</tr>
<tr>
<td></td>
<td>Southern Pine (S6-0.5)</td>
<td>9 1/16”</td>
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<tr>
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<td>3/8”</td>
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<td>Steel, 0.032”</td>
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<td></td>
<td>Steel, 0.036”</td>
<td>3/8”</td>
<td>0.063”</td>
<td>12”</td>
</tr>
<tr>
<td></td>
<td>Steel, 0.045”</td>
<td>3/8”</td>
<td>0.063”</td>
<td>12”</td>
</tr>
<tr>
<td>1/4” 410 SS CreteFlex</td>
<td>Ungrouted CMU (ASTM C-390)</td>
<td>2-1/2”</td>
<td>1-1/4”</td>
<td>12”</td>
</tr>
<tr>
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<td>Concrete (min. 3.35 ksi)</td>
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<td>1-1/4”</td>
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<tr>
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<td>1”</td>
<td>1-1/4”</td>
<td>12”</td>
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<td>Concrete (min. 2.85 ksi)</td>
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<td>1-1/4”</td>
<td>12”</td>
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<td>Concrete (min. 2.85 ksi)</td>
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<tr>
<td>1/4” Steel Ultracon</td>
<td>Grouted CMU (ASTM C-390)</td>
<td>2-1/2”</td>
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<td>12”</td>
</tr>
<tr>
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<td>Concrete (min. 3.5 ksi)</td>
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<td>5/16” Steel Ultracon</td>
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<td></td>
<td>Grouted CMU (ASTM C-390)</td>
<td>2-1/2”</td>
<td>1-1/4”</td>
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</tbody>
</table>

*MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
"UNGRouted CMU" VALUES MAY BE USED FOR GRouted CMU APPLICATIONS.
ALL HEAD TYPES APPLICABLE.

**INSTALLATION NOTES:**

1. USE ONLY ANCHORS LISTED ON THIS SHEET. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS.

2. WOOD BUCKS DEPICTED ON THIS SHEET AS "1X" ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1/2". 1X WOOD BUCKS ARE OPTIONAL IF UNIT CAN BE INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS "2X" ARE 1-1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.

3. FOR ATTACHMENT TO METAL: THE STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE WINDOW FRAME.

4. IF APPLICABLE, LOWER DESIGN PRESSURE FROM EITHER WINDOW OR MULLION NOA APPLIES TO WHOLE SYSTEM.