NOTICE OF ACCEPTANCE (NOA)

Windoor Inc.,
7500 Amsterdam Drive,
Orlando, Fl. 32832

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 “450” Aluminum Inswing Opaque Doors w/wo Sidelines - Impact

APPROVAL DOCUMENT: Drawing No. 18-108D, titled “Series 450 Inswing Doors & Sidelines”, sheets 1, 1.1, 1.2, 2, 2.1, 2.2, 3, 3.1, 4, 5, 6, 7 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated SEP 19, 2018, signed and sealed by Javad Ahmad, 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

Limitations:
1. See Design Pressure ratings in sheets 1.1, 5, 6, 7 and 7.1 for unit sizes Vs lock options, mullion type, door/sideline, sill types and anchors. Lower Design Pressure shall control.
2. For mullled units lower Design pressure of doors or mullion shall control for entire assembly.
3. Exterior Design Pressure = +50.0 PSF w/ threshold (sill type S-I). Sills (threshold-See sheet 6) types SS-1 & SS-2 are not rated for water infiltration. See sheet 1.1 for Lock 10A, 10C or 10CC, limited to max 38-9/16 W x 94-7/8 H door.
4. See the 7/16" & 1" Composite panel details in sheet 1.2. Narrow stile sidelines are limited to 18" or less.
5. The frame are of alternate size must not exceed 125 ft², nor panel tested area and max. Panel height.

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", 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 renews # 17-101.13(PLA) consists of this page 1 and evidence pages E-1, E-2 & E-3, 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 in previous NOA

A. DRAWINGS
   1. Drawing No. **W12-23 Rev B**, titled “Series 450 Inswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 2, 2.1, 2.2, 3, 3.1, 4, 5, 6, 7, 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated 10-27-06 and last revised on AUG 27, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

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

E. MATERIAL CERTIFICATIONS
   1. None

F. STATEMENTS
   1. Statement letter of conformance to FBC 2014(5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 10/03/14, signed and sealed by Javad Ahmad, P.E.

G. OTHER
   1. This NOA revises #14-1103.06, expiring on 10/25/17
   2. Evidence submitted in previous NOA

   A. 1. Manufacturer’s die drawings and sections (Submitted under files below).
      2. Drawing No. **W12-23 Rev B**, titled “Series 450 Inswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 2, 2.1, 2.2, 3, 3.1, 4, 5, 6, 7, 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated 10-27-06 and last revised on AUG 27, 2015, signed and sealed by Javad Ahmad, P.E.

   B. TESTS (Submitted under files #12-0706.01)
      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(+50.0 PSF, sill S-I only)
         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, TAS 202-94


Note: This test report has been revised by addendum letters, issued by Architectural Testing (Former Hurricane Testing Lab), dated 01/20/12 & 04/03/12, both signed & sealed by Vinu J. Abraham, P.E.

Along with manufacturer’s parts and section drawing marked-up drawings of double aluminum Outswing doors, issued by Architectural Testing, Test Report No(s) **B-5234.02-450-18** dated 12/19/2011, signed and sealed by Vinu J. Abraham, P.E.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 18-0926.07
Expiration Date: November 09, 2021
Approval Date: November 01, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (continue)
   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, TAS 202-94.

Along with manufacturer’s parts and section drawing marked-up drawings of aluminum In/out swing door w/sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. HTL-97055 (0080-912-97) dated 09/23/97 thru 02/27/98 for specimen #1, 2, 3, 4 tested per PA202-94, specimen #4, 5A, 5B, 5C tested per PA201-94 & PA203-94, signed and sealed by Timothy S. Marshall, P.E.

Along with manufacturer’s parts and section drawing marked-up drawings of aluminum out swing door w/sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. HTL-01071 (0080-0402-02) dated 04/01/2002 tested per PA201-94 & PA203-94, signed and sealed by Vinu J. Abraham, P.E. (submitted in file # 09-0723.04). Original tests conducted per SFBC, PA 201, 202 & 203-94 now known as FBC, TAS 201, 202 & 203-94.

3. Reference Certified Testing Laboratories test report # CTLA 3056WA, issued to CGI Windows & Doors Inc. pert TAS 201, 202 and 203-94 for specimen #1 thru #30 for laminated PVB glass, insulated PVB laminated glass with Duraseal and super spacers, signed and sealed by Ramesh C. Patel, P.E.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC-2014(5th Edition), prepared by Al Farooq Corporation, dated 10/27/14 and last revised on AUG 27, 2015, signed and sealed by Javad Ahmad, P.E.

   2. Additional intermediate horizontal mull calculations, prepared by Al Farooq Corporation, dated JUN 29, 2012, signed and sealed by Javad Ahmad, P.E.(Submitted under file # 11-1025.03)

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

C. MATERIAL CERTIFICATIONS
   1. None

D. STATEMENTS
   1. Statement letter of conformance to FBC 2014(5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 10/03/14, signed and sealed by Javad Ahmad, P.E.

   2. Lab compliance and addendum letters, as part of the above referenced test reports.

G. OTHER
   1. This NOA revises # 12-0706.01, expiring on 10/25/17.

   2. Hardware cut sheets verified and marked-up by the Architectural Testing (former Hurricane Testing lab).

   3. Test proposals dated 12/16/14 approved by RER & Test proposal # 10-0940, dated 11/17/10 approved by BNC.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 18-0926.07
Expiration Date: November 09, 2021
Approval Date: November 01, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. New Evidence submitted

A. DRAWINGS
   1. Drawing No.18-108D, titled “Series 450 Inswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 2, 2.1, 2.2, 3, 3.1, 4, 5, 6, 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated SEP 19, 2018, signed and sealed by Javad Ahmad, P.E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
   1. Statement letter of conformance to FBC 2017 (6th Edition) and letter of private label, prepared by Al Farooq Corporation, dated 09/19/18, signed and sealed by Javad Ahmad, P.E.

G. OTHER
   1. This NOA revises # 17-1011.13(PLA), expiring on November 09, 2021.
   2. Private Label Agreement (PLA) between CGI Windows and Doors, Inc. and Windoor Inc., signed by Dean M. Ruark, P.E., Vice President on behalf of both companies.

Isa q I. Chanda, P.E.
Product Control Examiner
NOA No 18-0926.07
Expiration Date: November 09, 2021
Approval Date: November 01 , 2018
TYPICAL ELEVATIONS

SERIES 450 ALUMINUM INSWING OPAQUE DOORS WITH OR WITHOUT SIDELITES

NOTE: REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

LEGEND
- I - INSWING DOOR DETAIL
- X - ITEM DESCRIPTION
(see sheet 2 of 7)

PRODUCTS REVISED as complying with the Florida Building Code
Acceptance No. MB-18-0926-07
Expiration Date: MW-02-23-21

STEPS TO USE CHARTS:
1. DETERMINE WIND LOAD BASED ON PROVISIONS OF 2017 FLORIDA BLDG. CODE.
2. DETERMINE WATER INFLATION REQUIREMENTS BASED ON PROVISIONS OF FBC.
3. SELECT A DOOR SYSTEM I.E. INSWING AND TYPE OF THRESHOLD FROM SHEET 6 AND LOCK OPTIONS FROM SHEET 1.1.
4. CHECK THE ALLOWABLE EXTERIOR AND INTERIOR LOADS FROM APPROPRIATE CHARTS ON SHEETS 1.1, 5 & 6.
5. THE ALLOWABLE LOADS MUST MEET OR EXCEED THE DESIGN LOADS REQUIREMENTS.
6. SELECT AND CHECK ANCHORS TO MEET LOAD. (SEE SHEETS 7 & 7.1)
7. FOR MUDDLER SIDELITE REFER TO MUDDLER CAPACITY ON SHEET 5.
8. LOWER DESIGN PRESSURE FROM LOCKS CHART, THRESHOLD TYPE, PANEL PERFORMANCE CHART, MUDDLER PERFORMANCE CHART AND ANCHOR CAPACITY CHARTS AT MUDDLER AND MIG. STYLE END SMALL CONTROL THE ENTIRE SYSTEM.
9. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISILLUSION MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

WinDoor, Inc.
500 W. Maitland Blvd.
Orlando, FL 32832
Tel: (407) 840-5566
Fax: (407) 848-5566

DWG. NO.: 18-108D

Multiple Sidelites W/ Doors
within Tested Frame Area are Available
(Sheets 6)
125 Sq. Ft. Tested Frame Area

WinDoor, Inc.
500 W. Maitland Blvd.
Orlando, FL 32832
Tel: (407) 481-8400
Fax: (407) 481-5566

Product: Series 450 Inswing Doors & Sidelites
Date: 05-22-12
Sheet 1 of 7
<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>#12 X 1 1/4&quot; HEX HEAD S/S SMS (3 PER CORNER CONNECTION)</td>
</tr>
<tr>
<td>2A</td>
<td>3/8–16 FULLY THREADED CONTINUOUS ROD</td>
</tr>
<tr>
<td>2B</td>
<td>3/8–16 HEX NUT</td>
</tr>
<tr>
<td>2C</td>
<td>1 1/2&quot; X 1 1/2&quot; X 3/16&quot; THK. ALUMINUM PLATE</td>
</tr>
<tr>
<td>3</td>
<td>SHEARCLIP (EXT. NO. 506)</td>
</tr>
<tr>
<td>4</td>
<td>DOUBLE 9/32&quot; DIA. JAMB INSTL. HOLES AT 6&quot; FROM ENDS &amp; 24&quot; O.C. MAX.</td>
</tr>
<tr>
<td>5</td>
<td>9/32&quot; DIA. HEAD &amp; SILL INSTL. HOLES AT 6&quot; FROM ENDS, 3 @ CENTER OF PAIRS SPACED 6&quot; O.C. &amp; 24&quot; O.C. MAX.</td>
</tr>
<tr>
<td>6</td>
<td>#10 X 1&quot; PH–PH–SS TEKS SCREW @ 3&quot; &amp; 7&quot; FROM ENDS &amp; 19–3/8&quot; O.C. MAX.</td>
</tr>
<tr>
<td>7</td>
<td>#14 X 3/4&quot; HEX HEAD S/S TEKS SCREW AT 6&quot; FROM ENDS &amp; 24 3/16&quot; O.C. MAX.</td>
</tr>
<tr>
<td>8</td>
<td>.320 HIGH WOOL PILE WITH CENTER FIN (ULTRAFAB # 30332)</td>
</tr>
<tr>
<td>9</td>
<td>.350 HIGH FOAM–TITE WEATHERSEAL (AMESBURY # 32011)</td>
</tr>
<tr>
<td>10</td>
<td>ACTIVE PANEL LOCK OPTIONS (SEE SHEET 1.1 FOR LIMITS)</td>
</tr>
<tr>
<td>10A</td>
<td>WINDDOOR CUSTOM 3 POINT LOCK 4503PL, CONSISTING OF (2) WINDDOOR CUSTOM END BOLTS (TOP &amp; BOTTOM), ATTACHED WITH #10 X 3/4&quot; PH SMS, (1) WINDDOOR CUSTOM INTERIOR LINKAGE MECHANISM, (1) DEADBOLT BY COPPER CREEK SERIES D82410.</td>
</tr>
<tr>
<td>10AA</td>
<td>WINDDOOR CUSTOM 3 POINT LOCK 4503PL, CONSISTING OF (2) WINDDOOR CUSTOM END BOLTS (TOP &amp; BOTTOM), ATTACHED WITH #10 X 3/4&quot; PH SMS, (1) WINDDOOR CUSTOM INTERIOR LINKAGE MECHANISM, (1) DEADBOLT BY BALDWIN SERIES 8200, KWKSET 780.</td>
</tr>
<tr>
<td>10B</td>
<td>REGENCY COMMERCIAL 2222 THREE POINT LOCK MECHANISM WITH MORTISE LOCK.</td>
</tr>
<tr>
<td>10C</td>
<td>SINGLE POINT LOCK (1) DEADBOLT BY BALDWIN SERIES 8200.</td>
</tr>
<tr>
<td>10CC</td>
<td>SINGLE POINT LOCK (1) DEADBOLT BY COPPER CREEK SERIES D82410.</td>
</tr>
</tbody>
</table>
| 10F  | WINDDOOR CUSTOM SURFACE MOUNTED SLIDE BOLTS WITH WINDDOOR END BOLTS AT ACTIVE LEAF (AT TOP & BOTTOM) WITH BALDWIN SERIES 8200 DEAD BOLT.

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HAGAR 4 1/2" X 4" HINGE IN SOLID BRASS OR STAINLESS STEEL WINDDOOR 4–1/2" X 4" HINGE IN ALUMINUM SECURED WITH (8) #12–24 X 1/2" F.H. M.S. (3 PER PANEL UP TO 7"–6 3/4" HIGH) (4 PER PANEL OVER 7"–6 3/4")

WINDDOOR FLUSHBOLT AT TOP & BOTTOM OF INACTIVE LEAF, HOUSING ATTACHED TO PANEL STILE WITH #10 X 3/4" PH SMS, ACTIVATOR ATTACHED WITH #8 X 1/2" PH SMS.

SEE SHEET 1.2 FOR GLAZING OPTIONS

SILICONE GE–1200, DOW 995, DOW 899

1/2" X 1/2" CONTINUOUS CLOSED CELL FOAM TAPE WITH ONE SIDE ADHESIVE

PLASTIC WEEP BAFFLE

7/8" X 5" X 1/8" THK. CONTINUOUS ALUMINUM SILL ANGLE ADAPTOR


DWG. NO.: 18–10BD

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL. 32832
Tel: (407) 481–8400 Fax: (407) 481–5566

Product: Series 450 INSING® Doors & Sidewalls
Date: 05–22–12 Sheet: 2 of 7
LOCK STILES WITH WATER RESISTANCE

LOCK STILES WITHOUT WATER RESISTANCE
REFER TO SHEET 2 OF 7 FOR TYPICAL BILL OF MATERIALS
### Panel Performance Chart for Single & Double Doors & Single Sidelites

**Nominal DIMS.**

<table>
<thead>
<tr>
<th>Frame Width</th>
<th>Composite Panels</th>
<th>Ext. (+)</th>
<th>Int. (-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25-9'-16&quot;</td>
<td>50'-1/2&quot;</td>
<td>100.0</td>
<td>110.0</td>
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<tr>
<td>30-9'-16&quot;</td>
<td>62'-1/2&quot;</td>
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<td>110.0</td>
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<td>74'-1/2&quot;</td>
<td>100.0</td>
<td>110.0</td>
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<tr>
<td>44-9'-16&quot;</td>
<td>86'-1/2&quot;</td>
<td>94.2</td>
<td>94.2</td>
</tr>
<tr>
<td>25-9'-16&quot;</td>
<td>50'-1/2&quot;</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
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<td>62'-1/2&quot;</td>
<td>100.0</td>
<td>110.0</td>
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<td>86'-1/2&quot;</td>
<td>94.2</td>
<td>94.2</td>
</tr>
</tbody>
</table>

**Design Load Capacity - PSF**

**For Single or Double Leaf Doors and Single Sidelites Capacity**

**See Chart on This Sheet**

**See Sheet 1.1 for Lock Capacities for Single and Double Doors**

**See Sheet 5 for Mullion Types and Design Load Capacity**

**See Chart on Sheet 7 for Mullion Anchors Capacity**

Lowest value from these charts will apply to entire assembly.

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**NOT RATED FOR WATER RESISTANCE**

- **Max. Op. = 500.0 PSF**

- **Exterior**
  - 507
  - 540
  - 539

- **Inswing**
  - (Saddle)

- **Inswing (Saddle)**

- **Residential (Saddle)**

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 32832
Tel: (407) 481-8400  Fax: (407) 481-5566

Product: Series 450 Inswing Doors & Sidelites

Date: 05-22-12  Sheet 6 of 7