NOTICE OF ACCEPTANCE (NOA)

Windoors 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 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 Outswing glazed Doors w/wo Sidelite - Impact

APPROVAL DOCUMENT: Drawing No.18-107D, titled “Series 450 Outswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 1.3, 1.4, 2, 2.1, 2.2, 2.3, 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 V$s lock options, mullion type, door/ sidelite, glass / sill types and anchors. Lower Design Pressure shall control. The XX door in sheet 1.3 is a standalone unit.
2. For mullled units lower Design pressure of doors or mullion shall control for entire assembly.
3. Sills (threshold) types SS-1 & SS-2 are not rated for water infiltration. See thresholds (sills) and glass type A1 (True muntin) limitations notes, in sheet 6. See sheet 1.1 for Lock 10D or 10E, limited to max 38-9/16 W x 94-7/8 H doors.
4. See Partial 7/16” Composite panels in sheet 6. Narrow style sidelites 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 revises #17-1011.12 (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. W98-01 Rev O, titled “Series 450 Outswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 1.3, 1.4, 2, 2.1, 2.2, 2.3, 3, 3.1, 4, 5, 6, 7, 7.1 and 7.2 of 7, prepared by Al-Farooq Corp., dated 10/27/97 and last revised on 09/21/17, signed and sealed by Javad Ahmad, P.E.

B. TESTS
   1. None.

C. CALCULATIONS

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 17-0712.03 issued to Eastman Chemical Company (MA) for the “Saflex CP - Saflex and Saflex HP Composite Glass Interlayers w/ PET Core”, expiring on 12/11/18.
   2. Notice of Acceptance No. 17-0712.05 issued to Eastman Chemical Company (MA) for the “Saflex Clear and Color Glass Interlayers”, expiring on 05/21/21.

F. STATEMENTS

G. OTHER
   1. This NOA revises #16-0329.04, expiring on 11/09/21.
   2. Evidence submitted in previous NOA

A. DRAWINGS
   1. Manufacturer's die drawings and sections (Submitted under files below).
   2. Drawing No. W98-01 Rev M, titled “Series 450 Outswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 1.3, 1.4, 2, 2.1, 2.2, 2.3, 3, 3.1, 4, 5, 6, 7, 7.1 and 7.2 of 7, prepared by Al-Farooq Corporation, dated 10-27-97 and last revised on 03-22-16, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files #14-1103.08/#12-0706.03/#11-1025.02/#09-0723.04)
   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

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 18-0926.06
Expiration Date: November 09, 2021
Approval Date: November 01, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (continue):

Along with manufacturer’s parts and section drawing marked-up drawings of aluminum In swing / Outswing door w/wo sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. HTL-0080-0304-11 dated 11/28/2011 and HTL-0080-0902-11, signed and sealed by Vinu J. Abraham, P.E. Note: This test report has been revised by addendum letters, issued by Architectural Testing (Former Hurricane Testing Lab), dated 01/20/12 and 04/03/12, both signed and 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.

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 out/in 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 (Submitted under files #14-1103.08)

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)


D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. (former E.I. DuPont De Nemours & Co., Inc.) for the “Sentry Glass® Interlayer”, expiring on 07/4/23.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 18-0926.06
Expiration Date: November 09, 2021
Approval Date: November 01, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (continue):
   2. Notice of Acceptance No. 18-0301.06 issued to Eastman Chemical Company (MA) (Former Solutia, Inc.) for the “Saflex CP - Saflex and Saflex HP Composite Glass Interlayers w/ PET Core”, expiring on 12/11/23.
   3. Notice of Acceptance No. 17-0712.05 issued to Eastman Chemical Company (MA) (Former Solutia, Inc.) for the “Saflex Clear and Color Glass Interlayers”, expiring on 05/21/21.

F. STATEMENTS
   1. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 09/30/14, signed and sealed by Javad Ahmad, P.E.

G. OTHER
   1. This NOA revises & renews #14-1103.08, expiring on November 09, 2021.
   2. Hardware cut sheets verified and marked-up by the Architectural Testing (former Hurricane Testing lab).
   3. Test proposal dated 12/16/14 approved by RER and Test proposal # 10-0940, dated 11/17/10 approved by BNC.

   1. New Evidence submitted

A. DRAWINGS
   1. Drawing No.18-107D, titled “Series 450 Outswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 1.3, 1.4, 2, 2.1, 2.2, 2.3, 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.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

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

E. MATERIAL CERTIFICATIONS
   2. Notice of Acceptance No. 14-0423.15 issued to Eastman Chemical Company (MA) (Former Solutia, Inc.) for the “Saflex CP - Saflex and Saflex HP Composite Glass Interlayers w/ PET Core”, expiring on 12/11/18.
   3. Notice of Acceptance No. 15-1201.11 issued to Eastman Chemical Company (MA) (Former Solutia, Inc.) for the “Saflex Clear and Color Glass Interlayers”, expiring on 05/21/21.

F. STATEMENTS (Submitted under files #14-1103.08)
   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 NOA #17-1011.12 (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.

   [Signature]
   Ishaq I. Chanda, P.E.
   Product Control Examiner
   NOA No 18-0926.06
   Expiration Date: November 09, 2021
   Approval Date: November 01, 2018
TYPICAL ELEVATIONS

SERIES 450 ALUMINUM OUTSWING GLAZED DOORS WITH OR WITHOUT SIDELITES

LEGEND
- O - OUTSWING DOOR DETAIL
- - ITEM DESCRIPTION
(see sheet 2 of 7)

NOTE: GED33 REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

MULTIPLE SIDELITES W/ DOORS WITHIN TESTED FRAME AREA ARE AVAILABLE (SEE SHEET 6)
125 SQ. FT. TESTED FRAME AREA

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

DWG. NO.: 18-1070

STEPS TO USE CHART;
1. DETERMINE WIND LOAD BASED ON PROVISIONS OF 2014/2017 FLORIDA BLDG. CODE.
2. DETERMINE WATER INFLATION REQUIREMENTS BASED ON PROVISIONS OF FBC.
4. CHECK THE ALLOWABLE EXTERIOR AND INTERIOR LOADS FROM APPROPRIATE CHARTS ON SHEETS 1, 5 & 6.
5. THE ALLOWABLE LOADS MUST NOT EXCEED THE DESIGN LOADS REQUIREMENTS.
6. FOR MULLED SIDELITE REFER TO MILLION CAPACITY ON SHEET 5.
7. LOWER DESIGN PRESSURE FROM LOCKS CHART, PANEL PERFORMANCE CHART, MILLION PERFORMANCE CHART AND ANCHOR CAPACITIES AT MILLION AND NGS. STEEL ENDS SHALL CONTROL THE ENTIRE SYSTEM.
8. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISILLIMILARY MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL, 32832
Tel. (407) 481-8400
Fax. (407) 481-5566
Product: Series 450 Outswing Doors & Sidelites
Date: 10-20-97 sheet 1 of 7
TYPICAL ELEVATIONS

LOCK OPTIONS AND CAPACITY

<table>
<thead>
<tr>
<th>FRAME HEIGHT</th>
<th>10A</th>
<th>10Aa</th>
<th>10B</th>
<th>10C &amp; 10Cc</th>
<th>10D &amp; 10E</th>
<th>10 F</th>
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<td>110.0</td>
<td>100.0</td>
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<td>96-3/4&quot;</td>
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<td>90.0</td>
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<td>110.0</td>
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<td>100.0</td>
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<tr>
<td>120-3/4&quot;</td>
<td>--</td>
<td>--</td>
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<td>100.0</td>
<td>100.0</td>
</tr>
</tbody>
</table>

LH CONFIGURATIONS SHOWN
RH SIMILAR (SEE SHEET 1 FOR SIZES)

TRUE HORIZONTAL MUNTIN (1 OR MORE PER DOOR OR SIDELITE PANEL)

INACTIVE
ACTIVE

RESIDENTIAL HARDWARE
COMMERCIAL HARDWARE

HARDWARE DESCRIPTION

WINDOOR INC.
7500 Amsterdam Drive
Orlando, FL 32832
Tel. (407) 481-8400 Fax. (407) 481-5566

product: Series 450 Outswing Doors & Sidelines
date: 10-20-97 sheet 1.1 of 7
GLAZING STOP OPTIONS

GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS

GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS

GLASS TYPE 'A/1'
1" OVERALL INSUL. LAM. GLASS

GLASS TYPE 'B/1'
1" OVERALL INSUL. LAM. GLASS

Product: Series 450 Outswing Doors & Sidelites
Date: 10-20-97
Sheet 1 of 7

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 32832
Tel. (407) 481-8400 Fax. (407) 481-5566
NOTE:
THIS UNIT IS STAND ALONE UNIT TO BE USED AS 'X' OR 'XX' (OUTSWING) TO THE MAX. SIZE SHOWN.
WITH GLASS TYPE 'A' AND LOCKING MECHANISM '10AA' (BALDWIN 8200 DEADBOLT W/ WINDOW 3 POINT LOCK) AND "S-D" THRESHOLD 527.
THIS UNIT CAN NOT BE USED WITH SIDELITE OR MULLED.

LARGE MISSILE IMPACT

MAXIMUM DESIGN LOAD RATING = + 100.0
(FOR SIZES SHOWN ABOVE OR SMALLER UPTO CODE UNIT) - 132.0 PSF

GLASS TYPE 'A'

LOCK OPTION 10AA WINDOW 3 POINT MECHANISM W/ BALDWIN SERIES 8200 DEAD BOLT

LOADS SHOWN ABOVE ARE FOR ELEVATIONS SHOWN ON THIS SHEET ONLY.

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

product: Series 450 Outswin Doors & Sidelites
date: 10-20-97 sheet 1.3 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>SHEAR CLIP (EXT. NO. 506)</td>
</tr>
<tr>
<td>4</td>
<td>DOUBLE 9/32&quot; DIA. JAMB INSTALL. 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 INSTALL. 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-PK-SS TEKSCREW, @ 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 TEKSCREW 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 # 3032)</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>WINDOR CUSTOM 3 POINT LOCK 4503PL, CONSISTING OF (2) WINDOR CUSTOM END BOLTS (TOP &amp; BOTTOM), ATTACHED WITH #10 X 3/4&quot; PH SMS, (1) WINDOR CUSTOM INTERIOR LINKAGE MECHANISM, (1) DEADBOLT BY COPPER CREEK SERIES E MODEL DB2410.</td>
</tr>
<tr>
<td>10AA</td>
<td>WINDOR CUSTOM 3 POINT LOCK 4503PL, CONSISTING OF (2) WINDOR CUSTOM END BOLTS (TOP &amp; BOTTOM), ATTACHED WITH #10 X 3/4&quot; PH SMS, (1) WINDOR CUSTOM INTERIOR LINKAGE MECHANISM, (1) DEADBOLT BY BALDWIN SERIES 8200, Kwikset 780.</td>
</tr>
<tr>
<td>10B</td>
<td>REGENT 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 DB2410.</td>
</tr>
<tr>
<td>10D</td>
<td>DOOR-O-MATIC SERIES 1690 TOUCHBAR PANIC EXIT DEVICE WITH CONCEALED VERTICAL ROD SEE SHEET 1.4.</td>
</tr>
<tr>
<td>10E</td>
<td>JACKSON 20 SERIES PANIC EXIT WITH 2085/2086 CONCEALED VERTICAL ROD EXIT DEVICE SEE SHEET 1.4.</td>
</tr>
<tr>
<td>10F</td>
<td>WINDOR CUSTOM SURFACE MOUNTED SLIDE BOLTS WITH WINDOR END BOLTS AT ACTIVE LEAF (AT TOP &amp; BOTTOM) WITH BALDWIN SERIES 8200 DEAD BOLT.</td>
</tr>
<tr>
<td>11</td>
<td>HAGER 4 1/2&quot; X 4&quot; HINGE IN SOLID BRASS OR STAINLESS STEEL WINDOR 4-1/2&quot; X 4&quot; HINGE IN ALUMINUM SECURED WITH (8) #12-24 X 1/2&quot; F.H. M.S. (3 PER PANEL UP TO 7'-6&quot; 3/4&quot; HIGH) (4 PER PANEL OVER 7'-6&quot; 3/4&quot;)</td>
</tr>
<tr>
<td>12</td>
<td>WINDOR FLUSHBOLT AT TOP &amp; BOTTOM OF INACTIVE LEAF, HOUSING ATTACHED TO PANEL STILE WITH #10 X 3/4&quot; PH SMS, ACTIVATOR ATTACHED WITH #8 X 1/2&quot; PH SMS.</td>
</tr>
<tr>
<td>13</td>
<td>SEE SHEET 1.2 FOR GLAZING OPTIONS</td>
</tr>
<tr>
<td>14</td>
<td>SILICONE GE-1200, DOW 995, DOW B99</td>
</tr>
<tr>
<td>17</td>
<td>1/2&quot; X 1/2&quot; CONTINUOUS CLOSED CELL FOAM TAPE WITH ONE SIDE ADHESIVE</td>
</tr>
<tr>
<td>18</td>
<td>PLASTIC WEEP BAFFLE</td>
</tr>
<tr>
<td>19</td>
<td>7/8&quot; X 5&quot; X 1/8&quot; THK. CONTINUOUS ALUMINUM SILL ANGLE ADAPTOR</td>
</tr>
</tbody>
</table>

FRAME HEIGHT

NOTE: 1X OR 2X WOOD BUCKS NOT BY WINDOW
MUST BE PROPERLY SECURED AND
MUST SUSTAIN LOADS IMPOSED
BY GLAZING SYSTEM.

NOTE: ALL JAMB ANCHOR CONDITIONS SHOWN ON
SHEETS 3, 4 AND 5 MAY BE DIRECTLY
TO MASONRY WITH 1/4" MAX. SHIM SPACE
WITHOUT VARIATION IN CAPACITY.

PRODUCT REVIEWS
as complying with the Florida
Building Code
Acceptance No. 18-0926-02
Expiration Date 11/14/21
No. 7,0582, Product Control

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

product: Series 450 Outswing Doors & Sidelites

date: 10-20-97 sheet 3 of 7

DWG. NO.: 18-107D
## Mullion Performance Chart

**Design Load Capacity - PSF**

<table>
<thead>
<tr>
<th>Nominal Dims</th>
<th>Mull Type 1</th>
<th>Mull Type 2</th>
<th>Mull Type 3</th>
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<tbody>
<tr>
<td>Width (W)</td>
<td>Frame Height</td>
<td>Ext (+)</td>
<td>Int (-)</td>
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<tr>
<td>1/4</td>
<td>82-1/4&quot;</td>
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<td>84.2</td>
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<td>84.2</td>
</tr>
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</table>

Lower Design Load from Panel Performance Chart on Sheet 6 or Mullion Performance Chart above shall control.

Refer to Sheet 2 of 7 for Typical Bill of Materials.

**DWG. NO.: 18-107D**

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

Product: Series 450 Outswing Doors & Sidelites
Date: 10-20-97 Sheet 5 of 7
### Panel Performance Chart for Single & Double Doors & Single Sidelites
(Narrow Stile Sidelites Limited to 18" or Less)

**Design Load Capacity - PSF**

<table>
<thead>
<tr>
<th>Nominal Dim.</th>
<th>Frame Width</th>
<th>Frame Height</th>
<th>Glass Type 'A'</th>
<th>Glass Type 'B' &amp; 'C'</th>
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<td>26-9/16&quot;</td>
<td>40-1/2&quot;</td>
<td>70&quot; Composite Panels</td>
<td>1&quot; Composite Panels</td>
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<tr>
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<td>40-1/2&quot;</td>
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<td>40-1/2&quot;</td>
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<td>Ext. (+) Int. (+)</td>
</tr>
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</table>

**Load Calculations**

For Single or Double Leaf Doors and Single Sidelites Capacity

See Chart on This Sheet

See Below for Threshold Types

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

See Chart on Sheet 7.1 for Mtg. Stile Anchors at Double Door.

Lowest Value from These Charts Will Apply to Entire Assembly.

*Glass limited to 8/0 Daylite opening. Panel sizes above 8/0 require true muntin.*

---

**Diagram Notes:**

- **OUTSWING**
- **OUTSWING (SADDLE)**
- **RESIDENTIAL (SADDLE)**

**Outward Swing**

**Not Rated for Water Resistance**

**SSS**

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**Product:**

- **Revised by:**
- **Approval No.:** 18-0726-C
- **Expiration Date: 21/11/21**

**Micro Steel Product Control**

**State of Florida**

**Note:**

Glass capacities on this sheet are based on ASTM E1300-09 (3 sec gusts) and Florida Building Commission

**Declaratory Statement DCA05-DEC-219**

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**Sheet 6 of 7**