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 Outswing Opaque Doors w/wo Sidelites - Impact

APPROVAL DOCUMENT: Drawing No. 18-109D, titled “Series 450 Outswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 1.3, 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 Vs lock options, mullion type, door/ sidelite, sill types and anchors. Lower Design Pressure shall control.
2. For mulled 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 (See sheet 6) threshold types SS-1 & SS-2 are not rated for water infiltration.
4. See sheet 1.1 for Lock 10A, 10C, 10D, 10E or 10CC, limited to max 38-9/16 W x 94-7/8 H door.
5. See sheet 1.2 for the 7/16” & 1” Composite panel details. Narrow stile sidelites are limited to 18” or less.
6. 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 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 # 17-1011.14(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.W12-22 Rev C, titled “Series 450 Outswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 1.3, 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 05-22-12 and last revised on 09/21/17, 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

G. OTHER
   1. This NOA revises & renews # 14-1103.07, 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.W12-22 Rev B, titled “Series 450 Outswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 1.3, 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 05-22-12 and last revised on SEP 02, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files #12-0706.2)
   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

Along with manufacturer’s parts and section drawing marked-up drawings of aluminum Outswing / Inswing 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 & 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 18-0926.08
Expiration Date: October 25, 2022
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 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

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 # 11-1025.02)

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 09/30/14, 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 18-0926.08
Expiration Date: October 25, 2022
Approval Date: November 01, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. New Evidence submitted

A. DRAWINGS
   1. Drawing No. **18-109D**, titled “Series 450 Outswing Doors & Sidelites”, sheets 1, 1.1, 1.2, 1.3, 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
   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 #17-1011.14 (PLA), expiring on October 25, 2022.
   2. Private Label Agreement (PLA) dated 09/05/18 between CGI Windows and Doors, Inc. and Windoor Inc., signed by Dean M. Ruark, P.E., Vice President on behalf of both companies.

Ishtaq I. Chanda, P.E.
Product Control Examiner
NOA No 18-0926.08
Expiration Date: October 25, 2022
Approval Date: November 01, 2018
### LOCK OPTIONS AND CAPACITY

<table>
<thead>
<tr>
<th>FRAME HEIGHT</th>
<th>10A</th>
<th>10AUX</th>
<th>10B</th>
<th>10C &amp; 10CC</th>
<th>10D &amp; 10E</th>
<th>10 F</th>
</tr>
</thead>
<tbody>
<tr>
<td>84–3/4&quot;</td>
<td>90.0</td>
<td>90.0</td>
<td>100.0</td>
<td>110.0</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
<td>96–3/4&quot;</td>
<td>90.0</td>
<td>90.0</td>
<td>100.0</td>
<td>110.0</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
<td>108–3/4&quot;</td>
<td>–</td>
<td>–</td>
<td>100.0</td>
<td>110.0</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>120–3/4&quot;</td>
<td>–</td>
<td>–</td>
<td>70.0</td>
<td>70.0</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

10A = CUPPER CREEK W/ WINDOW 3 POINT
10AUX = BALDWIN W/ WINDOW 3 POINT
10B = REGENCY COMMERCIAL 3 POINT
10C & 10CC = BALDWIN SINGLE POINT LOCK
10D & 10E = REGENCY SINGLE POINT LOCK
10F = DOR-D-MATIC SERIES 1860
10G = JACKSON SERIES 2065/2065
10H = SURFACE MOUNTED LOCK

**LEGEND**

- O - OUTSWING DOOR DETAIL
- ITEM DESCRIPTION

**OPTIONAL TRUE MUNTINS**

- OR 0

- RH SIMILAR (SEE SHEET 1 FOR SIZES)

**FRAME HEIGHT = PANEL HEIGHT + 1–7/8" (STD. THRESHOLD)**

**FRAME WIDTH = PANEL WIDTH + 2.8125"**

### HINGE LOCATIONS

<table>
<thead>
<tr>
<th>MAX. FRAME HEIGHT</th>
<th>NO. REGD.</th>
<th>MAX. SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABOVE 90–3/4&quot;</td>
<td>3</td>
<td>35 1/8&quot;</td>
</tr>
<tr>
<td>UP TO 90–3/4&quot;</td>
<td>4</td>
<td>44 1/8&quot;</td>
</tr>
</tbody>
</table>

**DOORS WITH 3 HINGES LIMITED TO 100 PSF**

### HARDWARE DESCRIPTION

**WINDOOR, INC.**

7500 Amsterdam Drive
Orlando, FL 32832

Tel. (407) 481-8400  Fax. (407) 481-5566

product: Series 450 Outswing Doors & Sidelles

date: 05-22-12 sheet 1 of 7

DWG. NO.: 18-109D
<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 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 # 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>WINDOOR CUSTOM 3 POINT LOCK 4503PL, CONSISTING OF (2) WINDOOR CUSTOM END BOLTS (TOP &amp; BOTTOM), ATTACHED WITH #10 X 3/4&quot; PH SMS, (1) WINDOOR CUSTOM INTERIOR LINKAGE MECHANISM, (1) DEADBOLT BY COPPER CREEK SERIES E MODEL DB2410.</td>
</tr>
<tr>
<td>10AA</td>
<td>WINDOOR CUSTOM 3 POINT LOCK 4503PL, CONSISTING OF (2) WINDOOR CUSTOM END BOLTS (TOP &amp; BOTTOM), ATTACHED WITH #10 X 3/4&quot; PH SMS, (1) WINDOOR 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>DOR-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 DEVICES SEE SHEET 1.4.</td>
</tr>
<tr>
<td>10F</td>
<td>WINDOOR CUSTOM SURFACE MOUNTED SLIDE BOLTS WITH WINDOOR 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 WINDOOR 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>WINDOOR 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 899</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>

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

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.
MULLION #1

SMALL SIDELITE STILE (EXT. 503) AT SIDELITES 1'-6" WIDE OR SMALLER.

1X4 PT WOOD SEE NOTE SHEET 3

CONCRETE OR MASONRY

TYPICAL JAMB ANCHORS
1/4" DIA. ULTRACON
1-3/4" MIN. EMBED
8" FROM ENDS AND
19-3/8" O.C. FOR LOADS UPTO 70 PSF
14-1/2" O.C. FOR LOADS UPTO 110 PSF
12" O.C. FOR LOADS ABOVE 110 PSF
2'-1/2" MIN. EDGE DIST.

THIS SILL IS NOT RATED FOR WATER

SS1
ADA SADDLE

SS2
RESIDENTIAL SADDLE

SWEEP

DEAR SADDLE

4" WIDE SADDLE THRESHOLD

1/4" DIA. ULTRACON
1-3/4" MIN. EMBED
8" FROM ENDS & 24" O.C.
AND 3" O.C. AT MID. STILE LOCATION
SEE SHEET 7.1 FOR CAPACITY

501

5/16" DIA. ULTRACON
1-3/4" MIN. EMBED
8" FROM ENDS & 24" O.C.
AND 3" O.C. AT MID. STILE LOCATION
SEE SHEET 7.1 FOR CAPACITY

501

5/39

PRODUCT REVERIFY AS COMPLIANT WITH THE FLORIDA BUILDING CODE
Acceptance No. 18-0926-08

DWG. NO.: 18-109D

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 32832
Tel. (407) 481-8400 Fax. (407) 481-5566
product: Series 450 Outswing Doors & Sidelites
date: 05-22-12 sheet 4 of 7
### Mullion Performance Chart

<table>
<thead>
<tr>
<th>Nominal Dims.</th>
<th>Mull Type 1</th>
<th>Mull Type 2</th>
<th>Mull Type 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width (W)</td>
<td>Frame Height</td>
<td>Height (F)</td>
<td>Height (H)</td>
</tr>
<tr>
<td>1/8</td>
<td>100.0</td>
<td>110.0</td>
<td>110.0</td>
</tr>
<tr>
<td>2/8</td>
<td>100.0</td>
<td>110.0</td>
<td>110.0</td>
</tr>
<tr>
<td>3/8</td>
<td>100.0</td>
<td>110.0</td>
<td>110.0</td>
</tr>
<tr>
<td>1/4</td>
<td>100.0</td>
<td>110.0</td>
<td>110.0</td>
</tr>
<tr>
<td>3/4</td>
<td>100.0</td>
<td>110.0</td>
<td>110.0</td>
</tr>
</tbody>
</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.**

---

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

Product: Series 450 Outswing Doors & Sidelles

Date: 05-22-12  Sheet: 5 of 7
### Panel Performance Chart for Single & Double Doors & Single Sidelines
(Narrow Style Sidelines Limited to 18" or Less)

#### Design Load Capacity — PSF

<table>
<thead>
<tr>
<th>Nominal Dimensions</th>
<th>7/16&quot; Composite Panels</th>
<th>1&quot; Composite Panels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame Width (in)</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
<td>24-1/2&quot;</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
<td>32-1/2&quot;</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
<td>38-1/2&quot;</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
<td>44-1/2&quot;</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
<td>50-1/2&quot;</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
<td>62-1/2&quot;</td>
<td>100.0</td>
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</tr>
<tr>
<td>74-1/2&quot;</td>
<td>100.0</td>
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</tr>
<tr>
<td>86-1/2&quot;</td>
<td>100.0</td>
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</tr>
<tr>
<td>96-3/4&quot;</td>
<td>100.0</td>
<td>110.0</td>
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<tr>
<td>100-3/4&quot;</td>
<td>100.0</td>
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</tr>
<tr>
<td>114-3/4&quot;</td>
<td>100.0</td>
<td>110.0</td>
</tr>
<tr>
<td>120-3/4&quot;</td>
<td>100.0</td>
<td>110.0</td>
</tr>
</tbody>
</table>

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

**See Chart on this Sheet**

**See Below for Threshold Types**

**See Sheet 0 for Mullion Types and Design Load Capacity**

**See Chart on Sheet 7.1 for Mullion Anchors Capacity**

**See Chart on Sheet 7.1 for Mullion Anchors Capacity**

Load shown above are for doors using thresholds shown in any condition and USO & USR where water infiltration requirements are not applicable.

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WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 32832
Tel. (407) 481-8400  Fax. (407) 481-5565

Product: Series 450 Outswing Doors & Sidelines
Date: 05-22-12  Sheet 6 of 7
**MULLION ANCHORS AT SLEDILITES**

**DESIGN LOAD CAPACITY - FPS**

<table>
<thead>
<tr>
<th>WIDTH (W)</th>
<th>FRAME HEIGHT (H)</th>
<th>CLUSTER OF HEAD ANCHORS</th>
<th>CLUSTER OF SILL ANCHORS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TYPE 'B' AT HEAD</strong></td>
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LOADS SHOWN ABOVE ARE FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED USING THRESHOLDS EMBEDDED IN MSE WALL.

UNIT EXTERIOR LOADS WHERE WATER INFILTRATION IS REQUIRED AS PER CHART AND NOTES ON SHEET 6.

**FOR SINGLE OR DOUBLE LEAF DOORS AND SINGLE SIDEILITES CAPACITY SEE CHART ON SHEET 6.**

**SEE SHEET 1.1 FOR LOCK CAPACITIES FOR SINGLE AND DOUBLE DOORS**

**SEE BELOW FOR THRESHOLD TYPES**

**SEE SHEET 5 FOR MULLION TYPES AND DESIGN LOAD CAPACITY**

**SEE CHART ON THIS SHEET FOR MULLION ANCHORS CAPACITY**

**SEE CHART ON SHEET 7.1 FOR MGO STEEL ANCHORS AT DOUBLE DOOR.**

LOWEST VALUE FROM THESE CHARTS WILL APPLY TO COMPLETE ASSEMBLY.

---

**SIDEILE MULLION ANCHORS AS SHOWN IN DETAILS AND CHARTS INTERMEDIATE ANCHORS TO BE AT 'E' FROM CORNERS AND 24" O.C. AT HEAD/SILL.**

**WORK SHEET - AS COMPLIANCE WITH Lb 118 LEVER ARM. ACCEPTANCE QUALITY LEVEL OF EXPANSION DETAIL.**

**DWG. NO.: 18-109D**

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

**product : Series 450 Outswing Doors & Sideilites**

**date : 05-22-12**

sheet 7 of 7
### Nominal Dims.

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### Design Load Capacity - P.S.F.

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### SEE SHEET 7 FOR ANCHORS DESCRIPTION AND SILL ANCHOR OPTIONS

**FOR SINGLE OR DOUBLE LEAF DOORS, SINGLE SIDELITES AND THRESHOLD CAPACITY SEE CHART ON SHEET 6.**

**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.**

NOTE: MEETING STILE ANCHORS AS SHOWN IN DETAILS AND CHARTS INTERMEDIATE ANCHORS TO BE AT 6" FROM CORNERS AND 24" O.C. AT HEAD/SILL.
HEAD CORNER DETAIL

Corners to be sealed with low modulus silicone Silpruf.

INTERIOR

#12 SCREWS
2/ END

INTERIOR

#12 SCREWS
2/ LEG

EXTERIOR

2 X 2 X 1/4" ALUM ANGLE

INTERIOR

EXTERIOR

2 X 2 X 1/4" ALUM ANGLE

INTERIOR

ADA SILL CORNER DETAIL

SS1

RESIDENTIAL SADDLE SILL CORNER CONSTRUCTION

SS2

PANEL CORNER DETAIL

STD. SILL CORNER DETAIL

(90)

SS0

ADA SILL @ MULLION

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