NOTICE OF ACCEPTANCE (NOA)

SIW Solution, LLC
975 S. Congress Ave. # 102
Delray Beach, Florida 33445

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 “500-11” Aluminum Outswing Doors w/wo Sidelite.

APPROVAL DOCUMENT: Drawing No. W13-69 Rev D, titled “Series 500-11 Alum Outswing Entrance Door (L.M.I.)”, sheets 1 through 14 of 14, dated 12-31-13 and last revised on JAN 08, 2019, prepared by Al-Farooq Corporation, 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 DP tables for X & XX in sheets 2 & 3, O (Narrow or Wide stile) in sheet 4 and X & XX doors mulll w/ Sidelites in 5 & 6. Lower DP from door or sidelite may control.
2. Max single door leaf width mulll with sidelite in sheet 5 & 6, shall not exceed = 36-91/6”.
3. Double doors w/ADA threshold is not rated for water Resistance' and limited to DP=+/− 50 PSF (See sheet 7).
3. Glass lites wider than 36” shall have two setting blocks per FBC requirements. Mullion as substrate min=1/8” thk

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 #18-0116.11 (former SIW Impact Window, LLC) 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.

NOA No. 19-0131.12
Expiration Date: May 22, 2023
Approval Date: February 28, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
1. Manufacturer's die drawings and sections.

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, TAS 202-94
Note: The test reports #BT-SIW-13-005(2), #BT-SIW-13-007(2) and #BT-SIW-13-009(2) have been revised by an addendum letter dated 05/09/14, issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.

2. Additional Reference 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 installation diagram of aluminum Outswing doors w/wo sidelite and transom, prepared by Black Water Testing Inc., Test reports # BT-SIW-13-001 and BT-SIW-13-006 dated June 10, 2013 and December 11, 2013, both signed and sealed by Yamil Kuri, P.E.
Note: The above test reports have been revised by an addendum letter dated 05/09/14, issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.

Note: The test reports #BT-SIW-13-010(2) and #BT-SIW-13-011(2) have been revised by an addendum letter dated 05/09/14, issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.

Along with installation diagram of aluminum Inswing / Outswing doors w/wo sidelite and transom, prepared by Hurricane Engineering and Testing, Test Report No. HETI 07-4339, HETI 07-4371, HETI 07-4371, HETI 07-4372, HETI 07-4373 and HETI 07-4374 dated 01/03/08, HETI-08-2184A & B dated 10/01/08, HETI 09-2572A, HETI 09-2573 dated June 30, 2009, all signed and sealed by Candido Font, P.E.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.12
Expiration Date: May 22, 2023
Approval Date: February 28, 2019
SIW Solution, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS
2. Glazing complies w/ ASTME-1300-04 & -09

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their “DuPont Sentry Glass® interlayer”, expiring on 01/14/17.

F. STATEMENTS
1. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 07/11/14, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test reports.
3. Addendum letter dated 05/09/14 ref #BT-SIW-13-005(2), BT-SIW-13-007(2) and BT-SIW-13-009(2), issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.
4. Addendum letter dated 05/09/14 ref #BT-SIW-13-010(2) and BT-SIW-13-011(2), issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.
5. Addendum letter dated 05/09/14 ref #BT-SIW-13-001 and BT-SIW-13-006, issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.
6. Addendum letter ref HETI-07-4374 dated May 06, 2008, issued by HETI, signed and sealed by Candido Font, P.E.

G. OTHER
1. Ref NOA(s) # 13-0220.06 & #14-0305.06 and #14-0220.08.
2. Test proposal dated 08/13/13 and 05/23/13 approved by RER.

A. DRAWINGS
1. Drawing No. W13-69 Rev C, titled “Series 500-11 Alum Outswing Entrance Door (L.M.I.)”, sheets 1 through 14 of 14, dated 12-31-13 and last revised on MAY 03, 2018, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS
1. None.

C. CALCULATIONS
1. Anchor verification calculations complying with FBC2017 (6th Edition), prepared by Al Farooq Corporation, dated JAN 08, 2018, signed and sealed by Javad Ahmad, P.E.

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

[Signature]
Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.12
Expiration Date: May 22, 2023
Approval Date: February 28, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
   1. Statement letter of conformance to **FBC 6th Edition (2017)** and of no financial interest, prepared by Al Farooq Corporation, dated 01/08/18, signed and sealed by Javad Ahmad, P.E.

G. OTHER
   1. This NOA revises & renews NOA # 14-0305.07, expiring 05/22/2023.


A. DRAWINGS
   1. Drawing No. **W13-69 Rev D**, titled “Series 500-11 Alum Outswing Entrance Door (L.M.I.)”, sheets 1 through 14 of 14, dated 12-31-13 and last revised on JAN 08, 2019, prepared by Al-Farooq Corporation, 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. Notice of Acceptance No. **17-0808.02** issued to **Kuraray America, Inc.** (Former E.I. DuPont DE Nemours & Co., Inc. for the “**Sentry Glass ® (Clear and White) Glass Interlayers**”, expiring on 07/04/23.

F. STATEMENTS (submitted under file #18-0116.11)
   2. Statement letter dated DEC 28, 2019, issued by SIW Impact Window, LLC that it has sold all assets of Exhibit “A” NOA(s), equipment’s, accessories and “Know how” and No longer manufacture the products and request to rescind the Exhibit “A” NOA(s), signed by Abdiel Lopez, Manager.
   3. Statement letter dated DEC 30, 2019, issued by SIW Solution, LLC that it has purchased all assets of Exhibit “A” NOA(s), equipment’s, accessories and “Know how” and request Name change of the Exhibit “A” NOA(s) , signed by Steven A. Tourek, Secretary.

G. OTHER
   1. This NOA revises # 18-0116.11 (former **SIW Impact Window, LLC**), expiring 05/22/2023.
   2. Bill of sale dated DEC 28, 2018 between SIW Impact Window (Seller) and SIW Solution, LLC, (purchaser), signed by respective company’s representative, Abdiel Lopez, Manager and Steven A. Tourek, Secretary.
   3. Division of corporation listing of SIW LLC, as active status.

[Signature]
Ishâq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.12
Expiration Date: May 22, 2023
Approval Date: February 28, 2019
SERIES 500-11
ALUMINUM OUTSWING ENTRANCE DOOR

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS
WITH OR WITHOUT SIDELITES.
SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR.
SEE SHEETS 2 & 3 FOR SINGLE OR DOUBLE DOORS DESIGN LOAD CAPACITIES.
SEE SHEET 4 FOR SINGLE STATIONARY PANEL LOAD CAPACITIES.
SEE SHEETS 5 & 6 FOR SIDELITE TO DOOR COMBINATIONS.
THE LOWEST VALUE FROM DOOR OR SIDELITE CAPACITY CHARTS
WILL APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.
SEE SHEET 7 FOR LIMITATIONS.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE
INCLUDING HIGH VELOCITY HURRICANE WIND (HVHZ).
18" OR 28" WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ACCORDINGLY TO TRANSFER APPLIED PRODUCT LOADS
TO THE BUILDING STRUCTURE.
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS. SPECIFIED EMBLEMS TO BASE
MATERIAL SHALL BE BONY WALL DRESSING OR STUCCO.
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/WOOD SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE & ADOPTED STANDARDS.
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUENCY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.
### Typical Elevation (x)

**Door Options**

<table>
<thead>
<tr>
<th>Doors Load Capacity - PSF</th>
<th>Single Doors (x)</th>
<th>Double Doors (xx)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door Dims.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frame Width</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frame Height</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ext. (+)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Int. (-)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36-3/8&quot;</td>
<td></td>
<td>132-5/8&quot;</td>
</tr>
<tr>
<td>132-5/8&quot;</td>
<td></td>
<td>36 9/16&quot;</td>
</tr>
</tbody>
</table>

**Note:** Verify compliance with egress limitations where required.

### Typical Elevation (xx)

**Doors with ADA Threshold**

**Doors with Load Capacity - PSF**

<table>
<thead>
<tr>
<th>Door Dims.</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>D.O. Height = Frame Height - 15.313&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.O. Width (XX Doors) = (Frame Width - 12.625&quot;)/2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**True Dividers Optional**

**Surface Applied False Muntins May Be Used**

**Head Anchors at Stile Ends (5) at 3" O.C.**

**Head Sill**

**Sill Anchors at Stile Ends (5) at 3" O.C.**

**Door Active**

**Door Inactive**

**NOTES:**

Glass capacities on this sheet are based on ASTM E1300-09 (3 sec. gusts) and Florida Building Commission Declaratory Statement DCA05-DEC-219.
D.L.O. DIMS.

SEE SHEETS 2 & 3 FOR DOOR DLO SIZES.
SEE SHEET 4 FOR SIDELITE DLO SIZES.

TYPICAL ELEVATION

DOOR WITH SIDELITE LOAD CAPACITY - PSF

<table>
<thead>
<tr>
<th>DIMS.</th>
<th>STD. THRESHOLD</th>
<th>ASA THRESHOLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOOR FRAME</td>
<td>DOOR FRAME</td>
<td>SIDELITE</td>
</tr>
<tr>
<td>WIDTH (X)</td>
<td>WIDTH (XX)</td>
<td>WIOENTH</td>
</tr>
<tr>
<td>30-3/8&quot;</td>
<td>76&quot;</td>
<td>48&quot;</td>
</tr>
</tbody>
</table>

DOUBLE (XX) DOORS NOT RATED FOR WATER RESISTANCE
SEE SHEET 7 FOR DETAILS.

PRODUCY REVISED
as complying with the Florida
Building Code
Approval No. 14-0151.12
Expiration Date 11/22/19
WOOD BUCKS AND METAL STRUCTURE NOT BY "SWI SOLUTIONS" MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO 28Y WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
THRU 18Y BUCKS INTO CONC. OR BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE (HEAD)
1-1/4" MIN. EMBED INTO CONC. OR BLOCKS (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1-1/4" MIN. EMBED INTO CONC. OR BLOCKS (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR
INTO METAL STRUCTURES (HEAD/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-75 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.
WOOD AT HEAD OR JAMBS = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS = 5000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS = 2000 PSI MIN.

ANCHORS MAY BE HEX OR FLAT HEAD.
SIDELITE DETAILS

POURED & HARDENED HIGH STRENGTH GROUT
F_{c} = 5000 PSI MIN.
NOT BY SW
MUST TRANSFER SHEAR LOADS TO STRUCTURE
LOAD BEARING (COLD SHIMS OPTIONAL TO GROUT)

1/2" MAX.
CONCRETE 3 KSI MIN.

TYPICAL ANCHORS SEE ELEV. FOR SPACING

STATIONARY UNITS
(SINGLE SIDELITE)
### Item # | Part # | Req'd | Description | Material | Manuf./Supplier/Remarks
--- | --- | --- | --- | --- | ---
1 | SW505 | 1 | Door/Sidelite Frame Head | 6063-T6 | -
2 | SW515 | 1 | Standard Threshold | 6063-T6 | -
3 | SW506 | 2 | Door Frame Jamb | 6063-T6 | -
4 | SW502 | 1/2 | Door Top Rail | 6063-T6 | -
5 | SW536 | 1/2 | Door Bottom Rail | 6063-T6 | -
6 | SW503 | 2 | Leaf Hinge Style/lock Style | 6063-T6 | -
7 | SW507 | 2 | Leaf Sidelite Sash Stile | 6063-T6 | -
8 | SW546 | 1 | Ada Threshold | 6063-T6 | -
8A | SW547 | 1 | Threshold Cover | 6063-T6 | -
9 | SW511 | As Req'd | Jambs Screw Cover | 6063-T6 | -
10 | SW509 | As Req'd | Double Door Astragal | 6063-T6 | -
10A | SW535 | As Req'd | Single Door Astragal | 6063-T6 | -
11 | SW510 | As Req'd | Screw Cover | 6063-T6 | -
12 | SW512 | As Req'd | Interior Glass Stop (Lam.Glass) | 6063-T6 | -
12A | SW520 | As Req'd | Interior Glass Stop (Insul. Lam. Glass) | 6063-T6 | -
13 | SW513 | As Req'd | Exterior Glass Stop | 6063-T6 | -
14 | SW504 | As Req'd | Door Jamb/Mull Adapter | 6063-T6 | -
14A | SW543 | As Req'd | H Mullion | 6063-T6 | -
14B | SW514 | As Req'd | Mullion Tube | 6063-T6 | -
14C | - | As Req'd | Mullion Bar | 6063-T6 | -
15 | 9016E | - | Bulb W/Stripping | Vinyl, Central Plastics | -
16 | U4513 | - | Q-Lon W/Stripping | Vinyl | Schlegel
17 | 5550 | As Req'd | Interior Glazing Gasket (Diometer 7085) | Santoprene By Central Plastics | -
17A | 5631 | As Req'd | Exterior Glazing Gasket (Diometer 7085) | Santoprene By Central Plastics | -
18 | W3201400020 | As Req'd | Finseal Pile W/Stripping | Ultrafab | -
20 | #6 x 1/2" | - | Astragal Screws Ph Sems | - | At 4" From Ends & 8" O.C.
21 | #6 x 1/2" | - | Glass Stop Screws Self Drilling | - | At 8" From Ends & 15" O.C. Max.
22 | #12 x 1/2" | - | Fix Panel Screws Ph Sems | - | At 6" From Ends & 15" O.C. Max.
24 | 504440 | 4/Leaf | Butt Hinges | - | Stainless Steel
27 | #12 x 1" | 1/Corner | Frame and Leaf Assembly Screws | St. Steel | Ph Sems
28 | #12 x 1/2" | - | Hinge Assembly Screws | St. Steel | Ph Ms Type F 5S
31 | SW521 | - | Flush Bolt Block | 6063-T6 | -
32 | #2 | - | Flush Bolts | - | Sullivan & Assoc.
33 | SW510-2006 | - | Sentinel Multipoint Lock | - | Ashland Hardware
34 | SW539 | - | 2" Chair Rail | 6063-T6 | -
35 | - | 2" Lite Setting Block | FPM | Diometer 8545 Shore A

### Lock Options:
**Active Locks:**

**Option #1:** Sentinel Multipoint Lock by 'Ashland' with Throw Bolt at 25-1/2" from Bottom Flush bolts connected to lock key operated on exterior and thumb turn on interior and engaging frame at head and sill.

**Option #2:** 3 Point Lock Assembly (#80525) by 'Adams Rite' with 4015 throw bolt at 36" from bottom flush bolts connected to lock key operated on exterior and thumb turn on interior and engaging frame at head and sill.

**Inactive Lock:** Concealed flush bolts (#8-1202-914) by 'Sullivan & Assoc.' Manually operated levers mounted on edge of leaf slide located at 12-1/2" from bottom and 34" from top.

### Hinges:

4" x 4" St. Steel Butt Hinges (DSB4640r or S4440)

At 1-3" from top and bottom ends and 21-1/2" O.C. Max.

Hinge attached to door frame and door stile using (4) #12 x 1/2" Ph Ms

6 hinges per leaf.

### Seals:

All joints and frame connections sealed with small joint sealer.