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 “S-900 ” Single Aluminum Outswing Pivot Doors -LMI

APPROVAL DOCUMENT: Drawing No. W14-30 Rev D, titled “Series 900 Alum Outswing Pivot Door (L.M.I.)”, sheets 1 through 6 of 6, dated 08-29-14 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. Door is not rated for water infiltration, unless overhang complying per FBC is provided or used where water infiltration is not required.
2. Glass lites wider than 36” shall have two setting blocks per FBC requirements.

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 # 17-1115.02 and consists of this page 1 and evidence page 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 files

A. DRAWINGS
1. Manufacturer's die drawings and sections.
2. Drawing No. W14-30 Rev B, titled “Series 900 Alum Outswing Pivot Door (L.M.I.)”, sheets 1 through 6 of 6, dated 08-29-14 and last revised on FEB 11th, 2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94 (0.25 cfm/sq@1.57 PSF) 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94 3) Water Resistance Test, per FBC, TAS 202-94 (Not conducted) 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 Single Aluminum Outswing Pivot doors, prepared by Black Water Testing Inc., Test reports # BT-SIW-14-015 A, B, C, D & E, dated July 25, 2014, all signed and sealed by Yamil Kuri, P.E.

Note: The test reports #BT-SIW-14-015 has been revised by an addendum letter dated 01/09/15, issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.

C. CALCULATIONS
1. Anchor verification calculations complying with FBC 2014, prepared by Al-Farooq Corporation, dated SEP 04, 2014 and last revised on JAN 02, 2015, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ ASTM-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 08/27/14, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test reports.
3. Addendum letter dated 01/09/15, along technical cut sheets of hardware and extrusion Die drawings for test report # BT-SIW-14-015, issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.

G. OTHER
1. None.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.18
Expiration Date: February 19, 2020
Approval Date: February 28, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous files.

A. DRAWINGS
   1. Drawing No. W14-30 Rev C, titled “Series 900 Alum Outswing Pivot Door (L.M.I.)”, sheets 1 through 6 of 6, dated 08-29-14 and last revised on NOV 09th, 2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. Test
   1. None.

C. CALCULATIONS
   1. None

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

E. MATERIAL CERTIFICATIONS

F. STATEMENTS

G. OTHER
   1. This NOA revises NOA # 14-0926.13, expiring 02/19/20.


A. DRAWINGS
   1. Drawing No. W14-30 Rev D, titled “Series 900 Alum Outswing Pivot Door (L.M.I.)”, sheets 1 through 6 of 6, dated 08-29-14 and last revised on Jan 08, 2019, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. Test
   1. None.

C. CALCULATIONS
   1. None.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.18
Expiration Date: February 19, 2020
Approval Date: February 28, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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. for their “Sentry Glas ® (Clear and White) Glass Interlayers”, expiring on 07/04/23.

F. STATEMENTS
   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 NOA # 17-1115.02, expiring 02/19/20.
   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.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 19-0131.18
Expiration Date: February 19, 2020
Approval Date: February 28, 2019
GLAZING DETAILS
7/16" OVERALL LOW E. GLASS

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES 900
ALUMINUM OUTSWING PIVOT DOOR

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).

BY OR 2BY 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 EMBLEM TO BASE MATERIAL SHALL BE FULLY 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/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS MUST MEET THE REQUIREMENTS OF THE 2017 FLORIDA BLDG. 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, ADEQUACY 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.

DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

GLASS D.L.O. FORMULAE:
D.L.O. WIDTH = FRAME WIDTH – 12.0625"
D.L.O. HEIGHT = FRAME HEIGHT – 16.625" (8" BOTTOM RAIL)

NOTE:
APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

WOOD BUCKS AND METAL STRUCTURE NOT BY 'SW SOLUTIONS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

1/4" DIA. ULTRACON BY 'ELCO' (Fy=177 KSI, Fy=155 KSI)
MIN. LENGTH = 2-3/4"
INTO 28Y WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMB)
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)

1/4" DIA. ULTRACON BY 'ELCO' (Fy=177 KSI, Fy=155 KSI)
DIRECTLY INTO CONC. OR BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1-1/4" MIN. EMBED INTO CONC. OR BLOCKS (JAMBS)

1/4" DIA. SELF DRILLING SCREWS (Fy=120 KSI, Fy=90 KSI)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/JAMB)
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE ALUMINUM: 1/8" THK. MIN. (6063-75 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 66 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 SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS FC = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS Fm = 2000 PSI MIN.

ANCHORS MAY BE HEX OR FLAT HEAD.
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<th>PART #</th>
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<th>DESCRIPTION</th>
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<td>SETTING BLOCKS, AT 1/4 POINTS</td>
<td>EPDM</td>
<td>DURAMETER 8545 SHORE A</td>
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**DOOR HARDWARE**

**3 POINT LOCKS AT LOCK STILE**

3 POINT SENTINEL LOCK SYSTEM (WS110—STATES) BY "ASHLAND" WITH ACTIVATING HANDLE AT 30° FROM BOTTOM FASTENED TO STILE WITH (2) 10 X 1/2" MACHINE SCREWS AND NUTS HANDLE ACTIVATES DEAD BOLT AND SHOOT BOLTS ENGAGING AT HEAD AND SILL, 1/2" DIA. BULLET TIPS SHOOT BOLTS CONNECTED TO LOCK WITH 5/16" DIA. THREADED RODS

**FLUSH BOLT AND PIVOTS AT PIVOT STILE**

FLUSH BOLTS (FBR-1202) BY "SULLIVAN & ASSOC." MANUALLY OPERATED LEVERS AT 27° FROM TOP AND 15° FROM BOTTOM ACTIVATES FLUSH BOLTS PROTRUSING 1/2" INTO HEAD AND 3/8" INTO SILL, 1/2" DIA. BULLET TIPS FLUSH BOLTS CONNECTED TO LEVERS WITH 5/16" DIA. THREADED ROD.

CRL 105 DEGREE HOLD OPEN ADJUSTABLE SPRING POWER OVERHEAD CONCEALED DOOR CLOSER "S" PACKAGE (#CRL8770) BY C. R. LAURENCE ATTACHED TO HEADER WITH (4) 1/4-20 X 1-1/4" PH MAN. SCREW. BOTTOM PIVOT ATTACHED TO FRAME SILL WITH (2) #12 X 5/8" SELF DRILLING SCREWS.

**ELECTRICAL FUNCTION IS NOT PART OF THIS APPROVAL.**

**SEALANT**

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH "SCHNEE-MOREHEAD 5504" SEAM SEALER.

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**Diagram:**

- Door header with labels:
  - CRL DOOR CLOSURE
  - TOP DOOR RAIL
  - BOTTOM DOOR RAIL
  - FLUSH BOLT
  - PIVOT STILE
  - FLUSH BOLT

**Text:**

- Door header and closure details.
- Diagram shows top and bottom rail connections.
LEAF TOP/BOTTOM CORNER

FRAME TOP CORNER

LEAF BOTTOM CORNER

FRAME BOTTOM CORNER

2" x 1.2" x .15" ALUM PLATE
3/8" NUT
ST. STEEL WASHER

ACCESS HOLE

1-1/2" x 1-1/2" x 1/8" ALUM ANGLE

ACCESS HOLE

3/8" NUT
ST. STEEL WASHER

(2) #12 x 1-1/2" SMS AT ALIGNMENT CLIP