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 “600 KM” Aluminum Sliding Glass Doors (Dry glazed) w/wo Reinforcements

APPROVAL DOCUMENT: Drawing No. W12-24 Rev E, titled “Series 600KM Alum Sliding Glass Door (LMI)”, sheets 1 through 12 of 12, dated 05-25-12 and last revised on Jan 08, 2019, prepared by Al-Farooq Corp., 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 sheet 3 for unit sizes Vs reinforcement, shims & Sill adapter options
2. Min Three (3) tracks are required for all configurations. Optional 4-tracks & 5-tracks may be used. Min four (4) pairs of cluster anchors (total=8) are required at each Head interlock / astragal ends and three (3) pair anchors (total=6) at Sill interlock/astragal into Conc. 1x or 2x buck to be properly secured and to be reviewed by AHJ.
3. Glass lites wider than 36” shall have two setting blocks per FBC requirements.
4. Max. Panel width not to exceed 48” wide & 98-1/8”high. For series “Hi-Rise” any numbers of panels are allowed which can be fit into overall continuous max door frame height= 100-1/4” & frame width = 423” and not to exceed max allowable frame area of 294 ft².

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 NOA #17-0717.06(former SIW Impact Windows, LLC) consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.
The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No. 19-0131.19  
Expiration Date: August 31, 2022  
Approval Date: March 07, 2019  
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer's die drawings and sections (submitted file referenced below)
   2. Drawing No. W12-24 Rev C, titled “Series 600KM Alum Sliding Glass Door (LMI)”, sheets 1 through 12 of 12, dated 05-25-12 and last revised on MAR 23, 2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under files#15-0528.16/13-1212.10/#12-0611.03)
   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 and TAS 202-94

   Along with installation diagram of OXXXXX and OXXX aluminum reinforced/non-reinforced Sliding Glass Door, prepared by American Testing Lab of South Florida, ATLSF # 1222.01-11 dated 04/27/12, signed and sealed by Henry Hatem, P.E.
   Note: This file has an addendum letter #2, dated 08-30-12 issued by ATLSF, signed and sealed by Henry Hatem, P.E.

C. CALCULATIONS
   1. Anchor verification calculations complying with FBC2014 (5th Edition), prepared by Al Farooq Corporation, dated May 19, 2015 and last revised on 02/25/16, signed and sealed by Javad Ahmad, P.E.
   2. Glazing complies w ASTME-1300-02, -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.
   2. Material properties data sheet of Santoprene121-67W175 glazing gasket supplied by Central Plastic Inc.

F. STATEMENTS
   1. Statement letter of conformance to FBC 2014 and letter of no financial interest, prepared by Al Farooq Corporation, dated 05/08/15, signed and sealed by Javad Ahmad, P.E.
   2. Lab compliance as part of the above referenced test report.

G. OTHER
   1. This NOA revises NOA #12-0611.03, expiring 08/31/17.

Ishq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.19
Expiration Date: August 31, 2022
Approval Date: March 07, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous files.

A. DRAWINGS
   1. Drawing No. W12-24 Rev D, titled “Series 600KM Alum Sliding Glass Door (LMI)”, sheets 1 through 12 of 12, dated 05-25-12 and last revised on JUL 06, 2017, 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

F. STATEMENTS

G. OTHER
   1. This NOA revises & renews NOA #15-0528.16, expiring 08/31/22.


A. DRAWINGS
   1. Drawing No. W12-24 Rev E, titled “Series 600KM Alum Sliding Glass Door (LMI)”, sheets 1 through 12 of 12, dated 05-25-12 and last revised on Jan 08, 2019, prepared by Al-Farooq Corp., 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).

[Signature]
Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.19
Expiration Date: August 31, 2022
Approval Date: March 07, 2019
SIW Solution, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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
   1. Letter of conformance to FBC 2017 (6th edition) and No Financial interest dated NOV 07, 2017, prepared by Al Farooq Corporation, , signed and sealed by Java Ahmad, P.E. (submitted under file #17-0717.06)
   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 # 17-0717.06 (former SIW Impact Window, LLC), expiring 08/31/2022.
   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 Unit Supervisor
NOA No. 19-0131.19
Expiration Date: August 31, 2022
Approval Date: March 07, 2019
SERIES ‘600KM’ ALUMINUM SLIDING GLASS DOOR

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHART SHOWN ON SHEET 3.

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).

1BY OR 2BY WOOD BUCS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY 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 EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND 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-COMPRRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DIFERENT 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 PRODUCT, 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.
TYPICAL ELEVATION
REINF. HI-RISE SERIES

NOTE:
THIS NOA ALLOWS ANY NUMBER OF PANELS ON 3, 4 OR 5 TRACK FRAMES WHERE TESTED STILE COMBINATIONS ARE PRESENT
MAX. NOMINAL PANEL WIDTH = 48”
MAX. DOOR HEIGHT = 100-1/4”
MAX. OVERALL DOOR FRAME AREA = 294 SQ. FT.
MAX. OVERALL FRAME WIDTH = 423”
**Design Load Capacity - PSF**

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**Note:**

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

**Glazing Detail**

9/16" Overall Laminated Glass
NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY
(SEE APPLICABLE ANCHOR INSTALLATIONS IN SHEETS 7 & 8)

RESIDENTIAL SERIES
WITHOUT REINF.

NON-REINF. RESIDENTIAL SERIES
APPROVED CONFIGURATIONS
UPTD. W/ 4 PANELS
NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY
(SEE APPLICABLE ANCHOR INSTALLATIONS IN SHEETS 7 & 8)

THIS NOA ALLOWS ANY NUMBER OF PANELS ON 3, 4 OR 5 TRACK
FRAMES WHERE TESTED STILE COMBINATIONS ARE PRESENT
MAX. NOMINAL PANEL WIDTH = 48"
MAX. DOOR HEIGHT = 100-1/4"
MAX. OVERALL DOOR FRAME AREA = 294 SQ. FT.
MAX. OVERALL FRAME WIDTH = 423"

REINF. HI-RISE SERIES
APPROVED CONFIGURATIONS
UNLIMITED PANELS MAX. PANEL WIDTH = 48"

REINF. HI-RISE SERIES
WITH REINF.
REINF. HI-RISE SERIES
APPROVED CONFIGURATIONS
UNLIMITED PANELS MAX. PANEL WIDTH = 48”

NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY
(SEE APPLICABLE ANCHOR INSTALLATIONS IN SHEETS 7 & 8)

THIS NOA ALLOWS ANY NUMBER OF PANELS ON 3, 4 OR 5 TRACK FRAMES WHERE TESTED STYLE COMBINATIONS ARE PRESENT
MAX. NOMINAL PANEL WIDTH = 48”
MAX. DOOR HEIGHT = 100-1/4”
MAX. OVERALL DOOR FRAME AREA = 294 SQ. FT.
MAX. OVERALL FRAME WIDTH = 423”

REINF. HI-RISE SERIES WITH REINF.
4 TRACK FRAMES
ANCHOR LOCATIONS

TYPICAL ANCHORS IN 4 ROWS
CLUSTER OF 9 AT STILE ENDS
SEE ELEV. FOR SPACING

EDGE DIST. 3 1/4' MIN.
1 1/2' MAX. SHIMS IN SHEET 3
1 1/2' MAX.
SHIMS IN SHEET 3

18Y OR 28Y WOOD BUCK
(SEE NOTE ON SHEET 7)

5 TRACK FRAMES
ANCHOR LOCATIONS

TYPICAL ANCHORS IN 4 ROWS
CLUSTER OF 9 AT STILE ENDS
SEE ELEV. FOR SPACING

EDGE DIST. 4 7/8'
1 5/8' MIN.
1 5/8' MIN.

18Y OR 28Y WOOD BUCK
(SEE NOTE ON SHEET 7)

TYPICAL ANCHORS IN 3 ROWS
SEE ELEV. FOR SPACING

EDGE DIST. 3 1/4' MIN.
1 1/2' MAX. SHIMS IN SHEET 3
1 1/2' MAX.
SHIMS IN SHEET 3

1 1/2' MAX.
SHIMS IN SHEET 3

TYPICAL ANCHORS IN 3 ROWS
CLUSTER OF 9 AT STILE ENDS
SEE ELEV. FOR SPACING

EDGE DIST. 4 7/8'
1 5/8' MIN.
1 5/8' MIN.

1 1/2' MAX.
SHIMS IN SHEET 3

CONCRETE ~ MIN.

SHIMS OPTIONAL

SHIMS OPTIONAL

CONCRETE ~ MIN.
SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH CRL SMALL JOINT SEALER. LOCKING HARDWARE SEALED WITH CLEAR SILICONE.

FRAME TOP CORNER

FRAME SILL BOTTOM CORNER

FRAME SILL BOTTOM VIEW

TROUGH BRIDGE AT CENTER OF EACH PANEL SILL ROTATED 90° TO SHOW DETAILS

TOP

1/4" DIA. WEEPHOLES

1/4" X 2-1/2" WEEP SLOT IN FRONT LEG

SILL CORNER CLOSURE ALUM BRACKET METAL

FRAME SILL BOTTOM LEGS TRIMMED TO RECEIVE TROUGH

5-1/4" X 2-1/2" X 3/8" ALUM BRACKET METAL THROUGH SEALED TO FRAME SILL WITH SHARKFLEX URETHANE SEAANT ENTIRE PERIMETER TO PREVENT WATER LEAKAGE.