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 “600 KM-11 ” Aluminum Sliding Glass Doors (Dry glazed) w/ Reinforcements

APPROVAL DOCUMENT: Drawing No. W13-56 Rev E, titled “Series 600KM-11 Alum Sliding Glass Door (LMJ)”, sheets 1, 1.1, 2 to 11, 11.1, 12 thru 16 of 16, dated 10-23-13 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 sheets 1, 2 & 3, applicable to both Pocketed & Non-pocket Doors. Pockets are under separate approval, to be reviewed by appropriate Building official.
2. Min Three (3) tracks are required for all configurations, along with integral sill adapter item # 10. Optional 4-tracks & 5-tracks may be used. Min five (5) pairs of cluster anchors (total=10) are required at each interlock / astragal ends (see elevation & sheets 10, 11 & 11.1). 1x or 2x buck to be properly secured. CMU to be grout filled.
3. Glass lites wider than 36” shall have two setting blocks per FBC requirements.
4. Max. Panel width not to exceed 60-1/8” wide & 130-1/8” high. Any numbers of panels are allowed which can be fit into overall continuous max door frame width = 500” and max allowable frame area of 488 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 #17-0717.05 (former SIW Impact Windows, 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.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVALS

A. DRAWINGS
1. Manufacturer's die drawings and sections (submitted under file referenced below)
2. Drawing No. W13-56 Rev C, titled “Series 600KM -11 Alum Sliding Glass Door (LMI)”, sheets 1, 1.1, 2 to 11, 11.1, 12 thru 16 of 16, dated 10-23-13 and last revised on FEB 25, 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)
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 diagrams of XpXXXXO and OXX aluminum (reinforced) Sliding Glass Door, prepared by Black Water Testing Inc., BT-SIW-13-003 dated 11/26/2013, signed and sealed by Yamil Kuri, P.E.

Note: This file has an addendum letter dated FEB 25, 2014 issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, 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/ ASTM E-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 Santoprene 121-67W175 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 #13-1212.10, expiring 08/31/17.

Israq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.20
Expiration Date: August 31, 2022
Approval Date: March 07, 2019

E - 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVALS

A. DRAWINGS
1. Drawing No. W13-56 Rev D, titled “Series 600KM-11 Alum Sliding Glass Door (LMI)”, sheets 1, 1.1, 2 to 11, 11.1, 12 thru 16 of 16, dated 10-23-13 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
1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the “Sentry Glass @ Interlayer”, expiring on 07/4/18.

F. STATEMENTS

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


A. DRAWINGS
1. Drawing No. W13-56 Rev E, titled “Series 600KM-11 Alum Sliding Glass Door (LMI)”, sheets 1, 1.1, 2 to 11, 11.1, 12 thru 16 of 16, dated 10-23-13 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).

____________________________________________________________________________________
Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.20
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
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 # 17-0717.05 (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. 19-0131.20
Expiration Date: August 31, 2022
Approval Date: March 07, 2019
TYPICAL ELEVATION

These doors are rated for large & small missile impact. Shutters are not required.

Series '600KM-11' aluminum sliding glass door

This product has been designed and tested to comply with the requirements of the 2017 (9th Edition) Florida Building Code including High Velocity Hurricane Zone (HVHZ).

1by or 2by wood buncs & 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 manufacture'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-compressible.

Materials including but not limited to steel/metal 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, 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.

Daylite openings:

D.L.O. Height = Panel Height - 7.375"

D.L.O. Width = Panel Width - 6.750"

Panel Height = Door Frame Height - 1.875"

Note:

Glass capacities on this sheet are based on ASTM E1300-09 (3 Sec. Gusts) and Florida building commission declaratory statement DCA05-Dec-219

Maximum design load rating = + 55.0 PSF (for sizes shown or smaller) - 55.0 PSF

As permitted by FBC.

Door height and width size must comply express requirements per FBC as applicable.
TYPICAL ELEVATION

OXX—XXO

NOTE:
THIS NCA ALLOWS ANY NUMBER OF PANELS ON 3, 4 OR 5 TRACK FRAMES WHERE TESTED STYLE COMBINATIONS ARE PRESENT
MAX. NOMINAL PANEL WIDTH = 60-1/8"
MAX. DOOR HEIGHT = 132"
MAX. OVERALL DOOR AREA = 488 SQ. FT.
MAX. OVERALL FRAME WIDTH = 500"

MAXIMUM DESIGN LOAD RATING = + 55.0 PSF
AS PERMITTED BY FBC
DOOR HEIGHT AND WIDTH SIZE MUST COMPLY EGRESS REQUIREMENTS PER FBC AS APPLICABLE.

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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<td>SW726</td>
<td>1 HOOK STRIP</td>
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* ARCH NON-KEYED HANDLESET (SW-3292) LOCATED AT 40" FROM BOTTOM ENGAGING INTERNAL LOCK MECHANISM (ADH-3008-84), BY ASHLAND HARDWARE PRODUCTS.

** MANUAL BOLT LOCK (SF01-6001) LOCATED AT 60" FROM TOP ENGAGING DRIVE ROD (DL1-8002) AND ROD TOP (DL1-8041) INTO THE FRAME HEAD, BY INTERLOCK USA.
NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY
(SEE APPLICABLE ANCHOR INSTALLATIONS IN SHEETS 10 THRU 14)
SEE APPLICABLE ELEVATION FOR ANCHOR LOCATION IN SHEETS 1
THRU 3.

THIS NOA ALLOWS ANY NUMBER OF PANELS ON 3, 4 OR 5 TRACK
FRAMES WHERE TESTED STILE COMBINATIONS ARE PRESENT
MAX. NOMINAL PANEL WIDTH = 60 – 1/8"
MAX. DOOR HEIGHT = 132"
MAX. OVERALL DOOR FRAME AREA = 488 SQ. FT.
MAX. OVERALL FRAME WIDTH = 500"

APPROVED CONFIGURATIONS
POCKETED DOORS
THREE (3) TRACKS
DOOR FRAME WIDTH

APPROVED CONFIGURATIONS
NON-POCKETED DOORS
FOUR (4) TRACKS

NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY
(SEE APPLICABLE ANCHOR INSTALLATIONS IN SHEETS 10 THRU 14)
SEE APPLICABLE ELEVATION FOR ANCHOR LOCATION IN SHEETS 1
THRU 3.

THIS NOA ALLOWS ANY NUMBER OF PANELS ON 3, 4 OR 5 TRACK
FRAMES WHERE TESTED STILE COMBINATIONS ARE PRESENT
MAX. NOMINAL PANEL WIDTH = 60-1/8"
MAX. DOOR HEIGHT = 132"
MAX. OVERALL DOOR FRAME AREA = 488 SQ. FT.
MAX. OVERALL FRAME WIDTH = 500"

DOOR FRAME WIDTH

APPROVED CONFIGURATIONS
POCKETED DOORS
FOUR (4) TRACKS

FAILED TO SCAN SHEET
APPROVED CONFIGURATIONS
NON-POCKETED DOORS
FIVE (5) TRACKS

PXXXX (SHOWN)

DOOR FRAME WIDTH

POCKET NOT PART OF THIS NOA

DOOR FRAME WIDTH

DOOR FRAME WIDTH

DOOR FRAME WIDTH

POCKET NOT PART OF THIS NOA

DOOR FRAME WIDTH

POCKET NOT PART OF THIS NOA

APPROVED CONFIGURATIONS
POCKETED DOORS
FIVE (5) TRACKS

NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY
(SEE APPLICABLE ANCHOR INSTALLATIONS IN SHEETS 10 THRU 14)
SEE APPLICABLE ELEVATION FOR ANCHOR LOCATION IN SHEETS 1 THRU 3.

THIS NOA ALLOWS ANY NUMBER OF PANELS ON 3, 4 OR 5 TRACK FRAMES WHERE TESTED STILE COMBINATIONS ARE PRESENT
MAX. NOMINAL PANEL WIDTH = 60-1/8"
MAX. DOOR HEIGHT = 362"
MAX. OVERALL DOOR FRAME AREA = 488 SQ. FT.
MAX. OVERALL FRAME WIDTH = 300"
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" Dia. Ultralok by 'Elco' (Fu=177 KSI, Fy=155 KSI)

INTO WOOD STRUCTURES
2" Min. penetration into wood (head/jamb)
THRU 1BY OR 2BY BUCKS INTO CONC. OR MASONRY
1-3/8" Min. embed into concrete (head)
1-1/4" Min. embed into conc. or masonry (jamb)
DIRECTLY INTO CONC. OR MASONRY
2" Min. embed into concrete (head/sill)
2" Min. embed into conc. or masonry (jamb)

1/4" Dia. Tek's or self drilling screws (Grade 5 CRS)

INTO METAL STRUCTURES
STEEL: 1/8" THK. MIN. (Fy=36 KSI MIN.)
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
(Steel in contact with aluminum to be plated or painted)

#14 SMS or Self Drilling Screws (Grade 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
(No shim space)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1" MIN. (EXCEPT AS NOTED)
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMB SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMB Fc = 3000 PSI MIN.
C-90 Hollow/Filled Block at JAMB Fm = 2000 PSI MIN.
5 TRACK FRAMES
ANCHOR LOCATIONS

Typical anchors in pairs (5) pairs at stile ends see elev. for spacing

Typical anchors in pairs (5) pairs at stile ends see elev. for spacing

Typical anchors in pairs (5) pairs at stile ends see elev. for spacing

Typical anchors in pairs (5) pairs at stile ends see elev. for spacing

1/2" max. shims

1/2" max. shims

3/8" max. shims

WIDEAROUND COUNTY
APPROVED DRAWING
SEE SEPARATE NOA

PRODUCT REVIEW
in compliance with the Florida Building Code
Acceptance No. 19-303.20
Expiration Date: 3/1/2022

Lynn A. Chandler
Milgard Building Products Canada

Jan 8, 2019

Drawing no. W13-56
Sheet 11 of 16
HOOK STRIP ANCHORS:

1/4" DIA. ULTRACON BY 'ELCO' (Fy=177 KSI, Fv=155 KSI)

INTO WOOD STRUCTURES
2" MIN. PENETRATION INTO WOOD
DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

1/4" DIA. SELF DRILLING SCREWS (GRADE 5 CMS)
INTO METAL STRUCTURES, 1/8" MIN. THK.
(MINIMUM 3 THREADS TO EXTEND BEYOND METAL THICKNESS)
SEALANT:
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
CRL SMALL JOINT SEALER
LOCKING HARDWARE SEALED WITH CLEAR SILICONE.