NOTICE OF ACCEPTANCE (NOA)

Mr. Glass Doors & Widows, Inc.
8120 N. W. 84th Street
Medley, FL 33166

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 “MG-275” Outswing Aluminum (NS) Doors w/wo Transom.

APPROVAL DOCUMENT: Drawing No. W10-73, titled “Narrow Stile Aluminum Outswing Door (NI)”, sheets 1 through 10 of 10, prepared by AL-Farooq Corporation, dated 10/07/10 and last revised on JUL 27, 2015, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None, approved Hurricane Protection Devices, complying w/ FBC required Limitation:
1. See applicable Design Pressure in sheet 2 & 3 and hardware options in sheet 7.
2. When Door mulled with transom, lower design pressure of door or reinforced or non-reinforced horizontal mullion may control.

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 renews NOA # 15-1401.02 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.
The submitted documentation was reviewed by Ishaq I. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer’s die drawings and sections (submitted under files below)
2. Drawing No. W10-73, titled “Narrow Stile Aluminum Outswing Door (NI)”, sheets 1 through 10 of 10, prepared by AL-Farooq Corporation, dated 10/07/10 and last revised on JUL 27, 2015, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under files #15-1401.02/#11-0720.07)
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) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of aluminum outswing double door, alum outswing door w/transom, doors w/transom & sidelite, prepared by Hurricane Engineering & Testing, Inc., Test Report No(s). HETI-09-2547, HETI-09-2548, HETI-09-2549, HETI-09-2550 all dated 05/06/10, all signed and sealed by Candido F. Font, P. E.
Note: Test report # HETI-09-2547 has been revised and reissued along w/ marked-up Dwg on Sep. 21, 2011, signed & sealed by Rafael E. Droz-Seda, P.E.

C. CALCULATIONS (submitted under files #15-1401.02)
1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th Edition), prepared by Al Farooq Corporation, dated 03/13/15, 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 (submitted under file #11-0720.07)
2. Physical properties of Neoprene manufactured by Carolina Customer Rubber.

F. STATEMENTS (submitted under files #15-1401.02)
1. Statement letter of conformance to FBC 2014 and letter of no financial interest, prepared by Al Farooq Corporation, dated 03/13/15, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above test reports.

G. OTHER
1. This NOA renews NOA # 15-1401.02, expiring 03/08/22.
2. Test proposal # 08-1382, dated 09-22-08 approved by BCCO

[Signature]
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 16-1116.05
Expiration Date: March 08, 2022
Approval Date: December 22, 2016

E - 1
NARROW STYLE
ALUMINUM OUTSWING ENTRANCE DOOR
DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER OXIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE.

INSTRUCTIONS:
USE CHARTS AS FOLLOWS.

STEP 1 Determine design wind load requirement based on wind velocity, bldg. height, wind zone using applicable ASCE 7 standard.

STEP 2 For single (S) and double (2X) door without transoms see sheet 2.
USE LOWER VALUES FROM HINGE AND LOCK TYPES USED.

STEP 3 For single (S/X) and double (2/X) door with transoms see horizontal Mullion capacity chart on sheet 3.
THE LOWEST VALUE FROM STEPS 2 AND 3 SHALL APPLY.

DOORS NOT RATED FOR IMPACT.
INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

Engr. J Amaud Amor
CMA
P.L. NO. 710912
C.A.N. 1636
July 27, 2016
WOOD BUCKS AND METAL STRUCTURE NOT BY MR. GLASS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**TYPE 'A'—**

1/4" DIA. ULTRACOND BY "ELDO" (Fy=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONCRETE (HEAD)
1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

**TYPE 'B'—**

1/4" DIA. ULTRACOND BY "ELDO" (Fy=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

**TYPE 'C'—**

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")

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)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 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 F'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'c = 2000 PSI MIN.

Eng.: JAMES J. NIMMO

CMA: K. 70392
C. A.E. 3593
LOCKS:

PANIC

OPTION #1:
CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY
"JACKSON PANIC SYSTEM" #1025 LOCATED AT 38" FROM SILL AT EACH LEAF.
FASTENED WITH
(1) #10 X 3/8" FH SELF DRILLING SCREW AT ONE END AND
(2) #10 X 1/2" FH SELF DRILLING SCREWS AT OTHER END

OPTION #2:
CONCEALED VERTICAL ROD PANIC EXIT DEVICE BY
"REGENCY HARDWARE" #5770 LOCATED AT 40" FROM SILL AT EACH LEAF.
FASTENED WITH
(1) #10 X 3/8" FH SELF DRILLING SCREW AT ONE END AND
(2) #10 X 1/2" FH SELF DRILLING SCREWS AT OTHER END

OPTION #3:

ACTIVE LEAF:
THREE POINT LOCK SYSTEM SERIES 2222 BY "REGENCY HARDWARE"
KEY OPERATED FROM EXTERIOR AND THUMB TURN ON INTERIOR
WITH CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF LOCK STILE
LOCATED AT 34" FROM BOTTOM OF LEAF

INACTIVE LEAF:
CONCEALED FLUSH BOLTS SERIES 2508 BY "REGENCY HARDWARE,
MANUALLY OPERATED LEVERS MOUNTED ON INSIDE FACE OF LEAF STILE LOCATED AT
10-3/4" FROM TOP AND BOTTOM
LOCK FASTENED TO STILE WITH (2) #10 X 3/8" FH SELF DRILLING SCREWS

HINGES:

OPTION #1:
OFFSET PIVOT HINGES SERIES 4339 BY "REGENCY HARDWARE"
AT TOP AND BOTTOM
FASTENED TO FRAME AND THRESHOLD WITH
#12 X 3/4" FH THREAD CUTTING SCREWS,
(2) AT THRESHOLD, (2) AT JAMB BOTTOM
(3) AT FRAME HEAD

OPTION #2:
4" X 4-1/2" X .130" THK. STEEL KNUCKLE HINGE
SERIES 4001 BY "REGENCY HARDWARE" 3 PER LEAF
TOP/BOTTOM HINGES AT 11" FROM EACH END
CENTER HINGE AT MIDSPAN
HINGES FASTENED WITH #12 X 1/2" FH SCREWS

EXTERIOR

EXTERIOR

PRODUCT REVISED
as complying with the Florida
Building Code
Approval No. 16-1115-6.07
Expiration Date 3/1/16
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<th>ITEM NO.</th>
<th>PART #</th>
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**SEALANTS:**

All frame corners, joints, mullion seams and perimeter of glazing bead to frame to be sealed with Dow Corning 795 Sealant.