New Age Windows & Doors, Corp.
7196 NW 77th Terrace
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 100 Aluminum Outswing Doors w/wo Sidelites - NI

APPROVAL DOCUMENT: Drawing No. W02-13 Rev H titled “Series-100 Alum Out-Swing Doors w/Sidelites, sheets 1, 1.1, 2, 3, 3.1 through 6 of 6, prepared by Al-Farooq Corporation, dated 02-13-02 and last revised on AUG 15, 2018, 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: None. Approved Hurricane protection Devices complying w/ FBC 2017, as applicable are required.

Limitations:
1. Double Doors require total four (4) flush bolts, two (top/bottom) active leaf and two (top/bottom) inactive leaf and Single door require two (top/bottom) at active leaf.
2. Max. True Muntin DLO (Day Light Opening) not to exceed 23-7/8” W X 16-5/8” H.
3. Min three Hinges required. Max Hinges OC=46.6”

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 #17-0413.02 and consists of this page 1 and evidence pages E-1 and E-2, 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 files below)
2. Drawing No. W02-13 Rev G titled "Series-100 Alum Out-Swing Doors w/ Sidelites, sheets 1, 1.1, 2, 3, 3.1 through 6 of 6, prepared by Al-Farook Corporation, dated 02-13-02 and last revised on AUG 15, 2018, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under files #14-0822.08/ #12-0529.21/ # 07-1010.17)
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 one unit test of Aluminum Outswing Doors w/ Sidelites (OXXO), prepared by Fenestration Testing Lab, Inc., Test Report No. FTL-6804, dated 04/16/12, signed and sealed by Marlin D. Brinson, P. E. (submitted under files #12-0529.21)
2. 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 and TAS 202-94
   Along with marked-up drawings and installation diagram of an Aluminum Outswing Door w/ Sidelite, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-01-1192 dated 10/01/01, signed and sealed by Hector M. Medina, P. E. (Submitted under files # 07-1010.17 / 02-0801.01) Original test conducted per SFBC, PA 202-94, now known as FBC, TAS 202-94

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC-2014, prepared by Al Farooq Corporation, dated 08/13/14 and last revised on JAN 16, 2015, 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. None.

F. STATEMENTS
1. Statement letter of conformance to FBC 2014 (5th Edition) and renewal with no change, prepared by Al Farooq Corporation, dated 03/15/17, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 08/06/14, signed and sealed by Javad Ahmad, P.E.
3. Lab compliance statements, as part of the above referenced test reports.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0828.08
Expiration Date: November 21, 2022
Approval Date: September 20, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER
   1. This NOA renews NOA #14-0822.08, expiring on November 21, 2022.
   2. One unit re-verification test (FTL-6804) referenced above.
   3. Florida Department of State, Div. Of Corporation, listing.


A. DRAWINGS
   1. Drawing No. W02-13 Rev H titled “Series-100 Alum Out-Swing Doors w/ Sidelites, sheets 1, 1.1, 2, 3, 3.1 through 6 of 6, prepared by Al-Farooq Corporation, dated 02-13-02 and last revised on AUG 15, 2018, signed and sealed by Javad Ahmad, P.E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC-2017 (6th Edition), prepared by Al Farooq Corporation, dated 08/15/18, signed and sealed by Javad Ahmad, P.E.
   2. Glazing complies w/ ASTM-1300-02, -04 & -09.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
   1. Statement letter of conformance to FBC 2017 (6th Edition) and of no financial interest, prepared by Al Farooq Corporation, dated 01/12/18, signed and sealed by Javad Ahmad, P.E.

G. OTHER
   1. This NOA revises NOA # 17-0413.02, expiring 11/21/22.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0828.08
Expiration Date: November 21, 2022
Approval Date: September 20, 2018
SERIES-100 ALUMINUM OUTSWING DOOR W/ SIDELITES

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 SHEET 2 FOR DESIGN LOAD CAPACITIES.
TRUE MUNTINS (4 MINIMUM) REQUIRED AT EACH LEAF.

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 (H(VZ)).

18' OR 28' WOOD BUCKS & 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-COMPRESSIBLE.
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISISSILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

MATERIALS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

TYPICAL ELEVATION
( OXXO )
TESTED UNIT
EXTERIOR VIEW

HEIGHTS:

<table>
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<th>NOMINAL HEIGHT</th>
<th>FRAME HEIGHT</th>
<th>LEAF HEIGHT</th>
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<tr>
<td>7/0</td>
<td>84&quot;</td>
<td>82&quot;</td>
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WIDTHS:

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<tr>
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<td>30&quot;</td>
<td>28-1/4&quot;</td>
</tr>
<tr>
<td>3/0 (XX)</td>
<td>36&quot;</td>
<td>34-1/4&quot;</td>
</tr>
<tr>
<td>5/0 (XXX)</td>
<td>60&quot;</td>
<td>28-1/4&quot;</td>
</tr>
<tr>
<td>6/0 (XXXX)</td>
<td>72&quot;</td>
<td>34-1/4&quot;</td>
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NOTE:
VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.

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.
### DESIGN LOAD CAPACITY - PSF

#### DOORS AND (O) PANELS

<table>
<thead>
<tr>
<th>DOOR SIZE</th>
<th>1/8&quot; TEMP. GLASS</th>
<th>1/6&quot; TEMP. GLASS</th>
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<td>INT. (-)</td>
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#### DOUBLE (XX) DOORS

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#### SIDE LITES (WITH (X) OR (XX) DOOR WIDTH)

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<tr>
<td>36&quot;</td>
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</tbody>
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**Use lower value of door or side lite capacity**

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**Leaf Width = Frame Width - 1.75"**

**Leaf Height = Frame Height - 2"**

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**GLAZING DETAIL**

- Glass: 1/8" Temp. Glass
- Silicone
- #8 x 1-1/2" FH self-drilling screws
- At 10" O.C. (Horizontal rails)
- At 17-1/2" O.C. (Vertical Stiles)

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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 DCA05-DEC-219.
WOOD BUCKS AND METAL STRUCTURE NOT BY NEW AGE MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

AT HEAD

1/4" DIA. TAPEON BY "TIV" (Fy = 125 KSI, Fy = 100 KSI)
1/4" DIA. ULTRACON BY "ECCO" (Fy = 177 KSI, Fy = 155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1 – 1/2" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONCRETE
1 – 1/4" MIN. EMBED INTO CONCRETE
DIRECTLY INTO CONCRETE
1 – 1/4" MIN. EMBED

#14 SMS OR SELF DRILLING SCREWS
INTO METAL STRUCTURES
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063 – T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063 – T5 MIN.) (NO SHIMS)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (NO SHIMS)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

AT STILL

1/4" DIA. TAPEON BY "TIV" (Fy = 125 KSI, Fy = 100 KSI)
1/4" DIA. ULTRACON BY "ECCO" (Fy = 177 KSI, Fy = 155 KSI)
DIRECTLY INTO CONCRETE
1 – 1/4" MIN. EMBED

AT JAMBS

1/4" DIA. TAPEON BY "TIV" (Fy = 125 KSI, Fy = 100 KSI)
1/4" DIA. ULTRACON BY "ECCO" (Fy = 177 KSI, Fy = 155 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1 – 1/2" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONCRETE OR BLOCKS
1 – 1/4" MIN. EMBED INTO CONCRETE OR BLOCKS
DIRECTLY INTO CONCRETE OR BLOCKS
1 – 1/4" MIN. EMBED INTO CONC. OR BLOCKS

#14 SMS OR SELF DRILLING SCREWS
INTO METAL STRUCTURES
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063 – T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063 – T5 MIN.) (NO SHIMS)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.) (NO SHIMS)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES
INTO CONCRETE = 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, STIL OR JAMBS Fc = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.
SEALANTS:
USE "PECORA" SEALANT (COLOR TO MATCH ALUMINUM FINISH) AT PERIMETER OF LOCK AND LEVER HANDLE, COVER PLATES, INSTALLATION SCREWS, PANEL SEAMS, FRAME CORNERS AND GLAZING BEAD ADAPTERS ON THE EXTERIOR.

HINGES:
6-3/8" LONG BUTT HINGES, AT 1-3/8" FROM EACH END AND ONE AT MIDSPAN OF LEAF.

LOCKS:
1/2" DIA. CONCEALED THROW BOLT "803" MANUALLY OPERATED WITH LEVERS AT 7-1/2" FROM TOP & BOTTOM OF EACH ACTIVE/INACTIVE LEAF LOCK STILE.
STEEL DEAD BOLT LOCK "8000SEt" KEY OPERATED ON EXTERIOR & THUMB TURN ON INTERIOR AT 44-1/2" FROM BOTTOM AT ACTIVE LEAF.
BRUSHED BRASS LEVER TYPE HANDLE "200 DNL DORRANCE PASSAGE" AT 39" FROM BOTTOM ON INTERIOR AND EXTERIOR OF EACH LEAF.