ECO Windows Systems, LLC  
9114 N. W. 106th Street,  
Medley, FL 33178

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” Aluminum Single Outswing doors w/wo Sidelite-S.M.I.

APPROVAL DOCUMENT: Drawing No. W15-68 REV B, titled “Series 600 Alum Outswing Entrance Door (S.M.I.)”, sheets 1 through 9 of 9, prepared by Al-Farooq Corporation, dated 09/09/15 and last revised on OCT 31, 2017, 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: Small Missile Impact Resistant

Limitations:

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.

ADVERTISEMET: 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# 15-0914.11 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.

NOA No. 17-1102.18  
Expiration Date: June 02, 2021  
Approval Date: May 03, 2018  
Page 1
ECO Windows Systems, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer's die drawings and sections
   2. Drawing No. W15-68 REV A, titled “Series 600 Alum Outswing Entrance Door (S.M.I.)”, sheets 1 through 9 of 9, prepared by Al-Farooq Corporation, dated MAY 10, 2016, signed and sealed by Javad Ahmad, P.E.

B. TESTS
   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) Small 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 marked-up drawings and installation diagrams of Alum Single Glass door w/wo sidelite, prepared by Fenestration Testing Lab, Inc., Test Report No. FTL-8201 dated 06/26/2015, signed and sealed by Idalmis Ortega, P. E.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th Edition), prepared by Al Farooq Corporation, dated 09/28/15 and last revised on 04/21/16, 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

F. STATEMENTS
   1. Statement letter of conformance to FBC 2014 (5th edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 08/24/15, signed and sealed by Javad Ahmad, P.E.
   2. Lab compliance as part of the above referenced test report.

G. OTHER
   1. Test proposal, dated 10/14/11 approved by Jaime D. Gascon, P.E.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.18
Expiration Date: June 02, 2021
Approval Date: May 03, 2018

E-1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED


A. DRAWINGS
   1. Drawing No. W15-68 REV B, titled “Series 600 Alum Outswing Entrance Door (S.M.I.)”, sheets 1 through 9 of 9, prepared by Al-Farooq Corporation, dated 09/09/15 and last revised on OCT 31, 2017, signed and sealed by Java Ahmad, P. E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. Anchor verification calculations complying with FBC2017 (6th Edition), prepared by Al Farooq Corporation, dated OCT 31, 2017 and last revised on MAR 13, 2018, signed and sealed by Javad Ahmad, P.E.

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. (Former E.I. DuPont DE Nemours & Co., Inc. for the “Trofosal® (Clear and Ultra clear) PVB Glass interlayers”, expiring on 07/08/19.

F. STATEMENTS
   1. Letter of conformance to FBC 2017 (6th edition) and No Financial interest dated OCT 06, 2017, prepared by Al Farooq Corporation, , signed and sealed by Java Ahmad, P.E.

G. OTHER
   1. This NOA revises NOA # 15-0914.11, expiring 06/02/2021.
   2. Test report of original anchors test condition.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.18
Expiration Date: June 02, 2021
Approval Date: May 03, 2018
SERIES 600
ALUMINUM OUTFRAME ENTRANCE DOOR

FOR SINGLE (X) DOOR AND STAND-ALONE SINGLE SIDELITE CAPACITIES SEE SHEET 2.
FOR SIDELITE MULLION CAPACITY SEE CHART ON SHEET 3.
LOWER VALUES FROM DOOR, SIDELITE OR MULLION CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THESE DOORS ARE RATED FOR SMALL MISSILE IMPACT.
MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRAD.
SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.
### Single Doors (x) Load Capacity - psf

<table>
<thead>
<tr>
<th>Door Dims.</th>
<th>Glass Types '06 &amp; '09</th>
<th>Frame Width</th>
<th>Leaf Height</th>
<th>Ext. (+)</th>
<th>Int. (-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>37 7/8&quot;</td>
<td></td>
<td>35 1/2&quot;</td>
<td>35 1/2&quot;</td>
<td>98&quot;</td>
<td>70.0</td>
</tr>
</tbody>
</table>

**Glass D.L.O. Dims.**
- D.L.O. Height (Door) = Frame Height - 11.125"
- D.L.O. Width (Door) = Frame Width - 12.875"

### Single Sidelite (x) Load Capacity - psf

<table>
<thead>
<tr>
<th>Sidelite Dims.</th>
<th>Glass Types '06 &amp; '09</th>
<th>Frame Width</th>
<th>Frame Height</th>
<th>Ext. (+)</th>
<th>Int. (-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>37&quot;</td>
<td></td>
<td>6&quot;</td>
<td>6&quot;</td>
<td>108&quot;</td>
<td>30.0</td>
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<tr>
<td>32 1/4&quot;</td>
<td></td>
<td>6&quot;</td>
<td>6&quot;</td>
<td>100&quot;</td>
<td>15.0</td>
</tr>
</tbody>
</table>

**Glass D.L.O. Dims.**
- D.L.O. Height (Sidelite) = Frame Height - 11.0"
- D.L.O. Width (Sidelite) = Frame Width - 4.50"

**Note:**
- Glass Capacities on this sheet are based on ASTM E1300-09 (3 SEC. GUSTS) and Florida Building Commission declaratory statement DCA05-DEC-219.
- Egress requirements to be reviewed by building official.
NOTE:
FOR DOOR AND SIDELITE CAPACITIES SEE SHEET 2.
FOR SIDELITE Mullion CAPACITY SEE CHART ABOVE.
LOWER VALUES FROM DOOR, SIDELITE OR MULLION
CHART WILL APPLY TO ENTIRE SYSTEM.

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

MAX. UNIT TESTED FRAME AREA NOT TO EXCEED 51.2 SQ. FT. PER FBC 2014
18BY or 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY ECO WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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

- 5/16" DIA. ULTRACON BY ‘BLOC’ (F=177 KSI, Fy=155 KSI)
- INTO WOOD BUCKS OR WOOD STRUCTURES
- 1–7/8" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
- THRU 1BY OR 2BY BUCKS INTO CONC. OR BLOCKS
- 1–1/4" MIN. EMBED INTO CONCRETE (HEAD)
- 1–1/4" MIN. EMBED INTO CONC. OR BLOCKS (JAMBS)
- DIRECTLY INTO CONC. OR BLOCKS
- 1–1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
- 1–1/4" MIN. EMBED INTO CONC. OR BLOCKS (JAMBS)

**#14 S/S OR SELF DRILLING SCREWS** (GRADE 2 CRS)
- INTO MIAMI-DADE COUNTY APPROVED MULLIONS
- OR INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
- (3) THREADS MIN. PENETRATION BEYOND SUBSTRATE
- 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)

**TYPICAL EDGE DISTANCE**
- INTO CONCRETE AND BLOCKS = 2–1/2" MIN.
- INTO WOOD STRUCTURE = 1–1/4" MIN.
- INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SF = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS FC = 3000 PSI MIN.
C–90 GROUT FILLED BLOCK AT JAMBS f’m = 2000 PSI MIN.
LOCK:
CONVENTIONAL DOOR LOCKSET WITH HANDLE BY "SCHLAGE" OR "Kwikset" LOCATED AT 38" FROM BOTTOM
KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR
FASTENED TO LOCK STILE WITH
(2) #8 X 5/4" FH MULT THREAD SCREWS
(2) 8-32 X 11/16" FH MS
SURFACE MOUNT METALLIC DEAD BOLT LOCK BY "SCHLAGE"
OR "Kwikset" LOCATED AT 43-1/2" FROM BOTTOM
KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR
FASTENED TO LOCK STILE WITH
(2) #8 X 3/4" FH MULT THREAD SCREWS
(2) 1/4-20 X 2-1/4" OH MS
FLUSH MOUNT METALLIC STRIKE PLATES FACING LOCKS
AT 39" AND 44-1/2" FROM BOTTOM
EACH PLATE FASTENED TO FRAME JAMB WITH
(2) #10 X 5/8" FH SMS
CONCEALED FLUSH BOLTS BY "SULLIVAN & ASSOC."
1/2" X 2" THROW BOLTS ENGAGING FRAME AT HEAD AND SILL
MANUALLY OPERATED LEVERS MOUNTED ON STILE FACE
LOCATED AT 10-1/4" FROM TOP AND BOTTOM
FASTENED TO LOCK STILE WITH
(5) #8-32 X 1/2" FH MS
Hinges:
3-1/2" X 7-5/8" X .122 THK. EXTRUDED ALUM HINGE
PART #801-107 BY SULLIVAN & ASSOC.
3 HINGES PER LEAF
BOTTOM HINGE AT 10-1/4" FROM BOTTOM
TOP HINGE AT 11-3/4" FROM TOP
CENTER HINGE AT MIDSPAN (38" O.C. MAX.)
HINGES FASTENED WITH #10 X 1" FH SMS
(3) SCREWS AT HINGE STILE
(6) SCREWS AT FRAME JAMB
SEALANTS:
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD JMS504 SEALANT.