EGS International, LLC
3133 S.W. 25th Street
Pembroke Park, FL 33069

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: Atlantic Series Aluminum Sliding Glass Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. W04-64 Rev I, titled “Atlantic Series LM 130 Alum Sliding Glass Door”, sheets 1 through 8 of 8, prepared by AL-Farooq Corporation, dated 07/07/04 and last revised on DEC 07, 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: Large and Small Missile Impact Resistant

Limitations:
1. See Design Pressure (DP) ratings with glass types & Reinforcing in sheet 2. See DP ratings of anchor types in sheet 3. Lower Design Pressure Ratings shall apply to entire system. Positive (Exterior) DP shall be limited to sill height per sheet 2.
2. The total tested frame area must not exceed 160 sq. ft. per FBC requirements.
3. All SGD doors containing operable panel (X) require channel reinforcement (item #31) at Bottom Rails.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise 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 #15-0511.01 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.

NOA No. 17-1218.22
Expiration Date: December 24, 2019
Approval Date: February 08, 2018
Page 1
EGS International, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
   1. Manufacturer's die drawings and sections. *(Submitted under NOA# 12-0131.14, 09-0520.07)*
      sheets 1 through 8 of 8, prepared by AL-Farooq Corporation, dated 07/07/04 and last revised
      on 11/12/15, signed and sealed by Javad Ahmad, P.E.

B. TESTS
   1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
      2) Large Missile Impact Test per FBC, TAS 201-94
      3) Small Missile Impact Test per FBC, TAS 201-94
      4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
      along with marked-up drawings and installation diagram of an aluminum sliding glass door,
      prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-5728, dated
      10/10/08, signed and sealed by Carlos Rionda, P.E.  *(Submitted under NOA# 09-0520.07)*
   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) 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, TAS 202-94
      along with marked-up drawings and installation diagram of an aluminum sliding glass door,
      prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-4182 and FTL-
      4182, both dated 05/18/04, signed and sealed by Edmundo Largespada, P. E.
      *(Submitted under NOA# 09-0520.07)*

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC-2014, 5th
      Edition, prepared by Al Farooq Corporation, dated 01/18/12 and revised on MAY 17, 2012,
      signed and sealed by Javad Ahmad, P.E.
   2. Glazing complies with ASTM E1300-09

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 14-0423.15 issued Eastman Chemical Company (MA) former
      Solutia Inc. for “Saflex CP™ - Saflex and Saflex HP Composite Glass Interlayer w/ PET
      Core”, expiring on December 11, 2018.
   2. Notice of Acceptance No. 14-0423.17 issued to Eastman Chemical Company (MA) former
      Solutia Inc. for their “Saflex clear & color interlayer”, expiring on 05/21/16.

F. STATEMENTS
   1. Statement letter of conformance to FBC 2014, 5th Edition and letter of no financial interest,
      prepared by Al Farooq Corporation, dated 4/30/15, signed and sealed by Javad Ahmad, P.E.
   2. Laboratory compliance as part of the above referenced test report

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1218.22
Expiration Date: December 24, 2019
Approval Date: February 08, 2018

E - 1
EGS International, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. STATEMENTS
2. Laboratory compliance as part of the above referenced test report.

H. OTHERS
1. This NOA revises NOA #14-0807.17 expiring on December 24, 2019.

A. DRAWINGS
1. Drawing No. W04-64 Rev I, titled “Atlantic Series LM 130 Alum Sliding Glass Door”, sheets 1 through 8 of 8, prepared by AL-Faroq Corporation, dated 07/07/04 and last revised on DEC 07, 2017, signed and sealed by Javad Ahmad, P.E.
   Note: This revision consist of editorial changes of FBC 17 (6th Edition) code compliance.

B. Test
1. None.

C. CALCULATIONS
1. None

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

E. MATERIAL CERTIFICATIONS
2. Notice of Acceptance No. 15-1201.11 issued to Eastman Chemical Company (MA) former Solutia Inc. for their “Saflex clear & color interlayer”, expiring on 05/21/21.

F. STATEMENTS

I. OTHER
1. This NOA revises # 15-0511.01, expiring 12/24/19.

Ishaq I. Chanda P.E.
Product Control Examiner
NOA No. 17-1218.22
Expiration Date: December 24, 2019
Approval Date: February 08, 2018
DAYLITE OPENINGS:
D.L.O. HEIGHT = PANEL HEIGHT = 8.875"
D.L.O. WIDTH = PANEL
PANEL HEIGHT = DOOR HEIGHT = 2"

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

ATLANTIC SERIES 1M 130 ALUM SLIDING GLASS DOOR
SEE SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS/REINF.
USING CHART ON SHEET 3 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOADS REQUIRED.
LOWER DESIGN PRESSURES FROM GLASS OR ANCHOR CHARTS
WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2014 (6TH EDITION) 2017 (6TH EDITION) FLORIDA
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
1BY 2BY 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 STUCO.
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 DISMANTLE MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2014/2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.
THIS PRODUCT APPROVAL IS GENEROS 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 INFLATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

APPROVED CONFIGURATIONS

OX (SHOWN) XO
OXO (SHOWN) OXO
OXOXO (SHOWN) OXO
### DESIGN LOAD CAPACITY - PSF (GLASS)

<table>
<thead>
<tr>
<th>PANEL WITH NORMAL RICKETS RICKETS</th>
<th>DOOR HEIGHT</th>
<th>GLASS TYPE 'A'</th>
<th>GLASS TYPE 'B'</th>
<th>GLASS TYPE 'C' WITH SREWED INTERLOCKS</th>
<th>GLASS TYPE 'D' WITH SREWED INTERLOCKS</th>
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**NOTE:** GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-06 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCO5-DEC-219

**DOOR SIZES TO COMPLY WITH FBC EGRESS REQUIREMENTS AS APPLICABLE.**

**INTERPOLATION BETWEEN WIDTHS ALLOWED**

- **SHOWN CAPACITIES ARE FOR 4.935" SILL HEIGHTS**
- **LIMIT EXTERIOR(+): EXTERIOR AS LIGHT**
- **3.750" SILL HT. = +80.0 PSF**
- **3.188" SILL HT. = +53.3 PSF**
- **2.500" SILL HT. = SEE NOTE BELOW**

**2.500" SILL HEIGHTS CAN BE USED FOR INSTALLATIONS WHERE WATER INTRUSION RESISTANCE IS NOT REQUIRED OR WHERE OVERHAND RATIO COMPLIES WITH FBC REQUIREMENTS.**

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**GLAZING OPTIONS**

**ADHESIVE COMPOUND SHAVEREN-552**

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**PRODUCT REVISIONS**

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**Sheet 2 of 8**
<table>
<thead>
<tr>
<th>PANEL WIDTH Nominal</th>
<th>OVERALL DOOR WIDTH</th>
<th>NUMBER OF PANELS</th>
<th>PANEL HEIGHT = DOOR HEIGHT = 2&quot;</th>
</tr>
</thead>
</table>

| ANCHOR TYPE | "A" | "B" | "C" | "D" | "E" | "F" | "G" | "H" | "I" | "J" | "K" | "L" | "M" | "N" | "O" | "P" | "Q" | "R" | "S" | "T" | "U" | "V" | "W" | "X" | "Y" | "Z" |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 24          | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 30          | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 40          | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 60          | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

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**TYPE "A"**

- 1/4" DIA. ULTRACON BY "BLOC" (Fw=177 Ksf, Fv=155 Ksf)
- INTO 28" WOOD BUCKS OR WOOD STRUCTURES
- 1 1/2" MIN. PENETRATION INTO WOOD

**TYPE "B"**

- 1/4" DIA. ULTRACON BY "BLOC" (Fw=177 Ksf, Fv=155 Ksf)
- DIRECTLY INTO CONCRETE
- 1 1/4" MIN. EMBD.

**TYPE "C"**

- 1/4" DIA. SELF DRILLING SCREWS (GR70 8X1"
- INTO WMA/DIDA COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/JAMB)
  - (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
  - ALUMINUM: 1/8" THK. MIN. (6003-7073 MIN.)
  - STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
  - (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPE "D"**

- 1/4" DIA. ULTRACON BY "BLOC" (Fw=177 Ksf, Fv=155 Ksf)
- AT JAMB

**TYPE "E"**

- 1/4" DIA. ULTRACON BY "BLOC" (Fw=177 Ksf, Fv=155 Ksf)
- INTO 28" WOOD BUCKS OR WOOD STRUCTURES
- 1 1/4" MIN. PENETRATION INTO WOOD

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ANCHOR EDGE DISTANCES

- INTO CONCRETE = 2 1/2 MIN.
- INTO WOOD STRUCTURE = 1 MIN.
- INTO METAL STRUCTURE = 3/4 MIN.

WOOD AT HEAD OR JAMB 5G = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMB Fy = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMB Fy = 2000 PSI MIN.

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**PRODUCT REVISED**

2007-12-05

400-059-01

400-038-01

A-70392

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**W04-64**

Sheet 3 of 8
TYPICAL ANCHORS IN PAIRS SEE ELEV. FOR SPACING AND SHEET 3 FOR QUANTITY AT INTERLOCK/ASTRALGAL ENDS

TYPICAL ANCHORS IN PAIRS SEE ELEV. FOR SPACING AND SHEET 3 FOR QUANTITY AT INTERLOCK/ASTRALGAL ENDS

TYPICAL ANCHORS IN PAIRS SEE ELEV. FOR SPACING AND SHEET 3 FOR QUANTITY AT INTERLOCK/ASTRALGAL ENDS

SEALANT:
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH WHITE/ALUMINUM COLORED SILICONE.
MAJOR INTERLOCK STILES TOP AND BOTTOM ENDS FILLED WITH EXPANDING URETHANE FOAM.

ALL INSTALLATION ANCHOR HEADS TO BE SEALED & EXPOSED ANCHORS TO BE CAPPED WITH ALUM BUTTON COVERS.

WEEPHOLES:
W1 = 3/16" H X 3/4" W WEEP SLOTS AT QUARTER POINTS EACH PANEL AND CENTER OF EACH RAIL

W2 = 3/8" WEEP HOLE AT 6" FROM ENDS AND CENTER OF EACH RAIL

POURED & HARDENED HIGH STRENGTH GROUT Fc = 5000 PSI MIN. (NON METALLIC) WITH EPOXY AGENT NOT BY EGS INTL.
MUST TRANSFER SHEAR LOADS TO STRUCTURE

WOOD BUCKS NOT BY EGS INTL., MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.