American Aluminum Doors Corp.
1026 East 24 Street
Hialeah, FL 33013

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: Aluminum Outswing French Door w/wo Sidelites – L.M.I.

APPROVAL DOCUMENT: Drawing No. W10-43 Rev E, titled “Aluminum Outswing French Door (L.M.I.)”, sheets 1 through 6 of 6, including 4.1, dated 06/08/10 and last revised on 11/01/17, prepared by Al-Farooq Corporation, 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. Surface applied chair rail and partial alum veneer may be used for decorative purposes.

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 # 15-0423.05 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 Jorge M. Plasencia, P.E.

NOA No. 17-1226.08
Expiration Date: October 06, 2020
Approval Date: February 15, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S
   
   A. DRAWINGS
   1. Manufacturer's die drawings and sections (submitted under see below)
   2. Drawing No. W10-43 Rev D, titled "Aluminum Outswing French Door (L.M.I.)", sheets 1 through 6 of 6, dated 06/08/10 and last revised on SEP 22, 2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

   B. TESTS (Submitted under file #12-0214.03/#10-0629.04)
   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, TAS 202-94
     
     Along with marked-up drawings and installation diagram of aluminum outswing French Door, prepared by Fenestration Testing Lab., Test Report No. FTL 6188, dated 05/20/10, signed and sealed by Jorge A. Cuso, P.E.
     
     Note: This test report has an addendum anchor location marked drawings dated 01/10/12, issued by Fenestration Testing Lab.

   C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC 2014(5th edition), prepared by Al Farooq Corporation, dated APR 17, 2015 and last revised on SEP 22, 2015, 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. Notice of Acceptance No. 12-1231.10 issued to Eastman Chemical Company, (Former Solutia Inc.) for "Saflex: Clear & color glass interlayer", expiring on 05/21/16.
   2. Notice of Acceptance No. 14-0916.10 issued to Kuraray America, Inc. for their "Butacite® PVB Glass Interlayer", expiring on 12/11/16.

   F. STATEMENTS
   1. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, 04/10/15, signed and sealed by Javad Ahmad, P.E.
   2. Lab compliance as part of the above referenced test report.

   Jorge M. Plasencia, P.E.
   Product Control Unit Supervisor
   NOA No. 17-1226.08
   Expiration Date: October 06, 2020
   Approval Date: February 15, 2018
G. OTHER
1. This NOA revises & renews NOA # 12-0214.03, expiring on OCT 05, 2015.
2. Test Proposals # 09-1163, dated 08/26/09 approved by BCCO & surface applied chair rails dated March 05, 2012 approved by PERA.

2. NEW EVIDENCE SUBMITTED
A. DRAWINGS
1. Drawing No. W10-43 Rev E, titled “Aluminum Outswing French Door (L.M.I.)”, sheets 1 through 6 of 6, including 4.1, dated 06/08/10 and last revised on 11/01/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS
1. None.

C. CALCULATIONS

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 17-0712.05 issued to Eastman Chemical Company, for their “Saflex Clear & Color Glass Interlayers“, expiring on 05/21/21.

F. STATEMENTS

G. OTHER
1. This NOA revises NOA 15-0423.05, expiring on 10/06/2020.

Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 17-1226.08
Expiration Date: October 06, 2020
Approval Date: February 15, 2018
ALUMINUM OUTSPRING FRENCH DOOR (L.M.I.)

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.
LOWER DESIGN PRESSURE FROM DOOR OR SIDELITE CAPACITY CHART SHALL CONTROL THE ENTIRE ASSEMBLY.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
KEY OR DRY WOOD HOOKS & BUSH FASTENERS BY OTHERS, MUST BE DESIGN AND INSTALLED ACCORDING TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUFACTURER INSTRUCTIONS. SPECIFIED ENVIRONMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUD/FRAMING.
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
ALL SIDELITES TO BE HIGH IMPACT, NON-METALIC AND NON-COMPRISABLE MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL, SCAFFOLDING, THAT COME INTO CONTACT WITH OTHER DECEMBER MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014/2017 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERALLY NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT. I.E. LIFE SAFETY OF THIS PRODUCT, ACCURACY OF STRUCTURE ASSESSING THIS PRODUCT AND SEWING 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.

THE FRAME AREA OF ALTERNATE UNIT NOT TO EXCEED MAX. 06 SQ. FT. (TESTED FRAME AREA) PER IRC 2017.

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

PRODUCT REVISED
AC COMPLIANCE WITH THE FLORIDA BUILDING CODE
HO-17226.08

Expiry Date 10/06/2020

By
Miami-Dade Product Control
**Typical Anchors:**

See elev. for spacing

1/4" dia. Ultracem by "BLCO" (3.7=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 blocks

1-1/4" min. embed into concrete (head/jambs)

1-1/4" min. embed into blocks (jambs)

Directly into concrete or blocks

1-1/4" min. embed into concrete (head/sill/jambs)

1-1/4" min. embed into blocks (jambs)

1-3/4" min. embed into concrete (at door threshold only)

1/4" dia. tds or self drilling screws (grade 5 Cros)

Into miami-dade county approved mullions or

Into metal structures (head/jambs)

2 threads min. penetration beyond substrate

Aluminum: 1/8" thk. min. (6063-T6 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 masonry = 2-1/2" min.

Into wood structure = 1" min.

Into metal structure = 3-1/2" min.

Wood at head or jambs SG = 0.55 min.

Concrete at head, sill or jambs FS = 1,000 PSI min.

0-90 hollow/filled block at jambs FS = 2,000 PSI min.

**Sealants:**

All frame and panel joint, installation screws and

Heads of anchor screws at sill to be sealed with

White/alum colored silicone

**Product Revised**

As complying with the Florida Building Code

NOA-No.: 17-1226.08

Expiration Date: 10/06/2020

By Miami-Dade Product Control