Doralum Corporation
7040 NW 77 Terrace
Miami, 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 Outswing Aluminum French Patio Door w/ Sidelites – N. I.

APPROVAL DOCUMENT: Drawing No. W98–58, titled “S–100 Alum. Outswing Door W/ Sidelites (N.I.)” sheets 1 through 6 of 6, dated 07/31/98, prepared by Al–Farooq Corporation, with revision “J”, dated 04/16/18, 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.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state/country, models/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 No. 16-0617.10 and consists of this page 1, 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.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA’S

A. DRAWINGS
1. Manufacturer’s die drawings and sections.  
   (Submitted under previous NOA’s No.’s 95–0428.01 and 06–0905.01)

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) Forced Entry Test, Side–Hinged Door Systems, per FBC 2411 3.2.1, TAS 202–94 and per AAMA 1304–02
   along with marked–up drawings and installation diagram of an Aluminum fixed window, prepared by Fenestration Testing Laboratory, Inc., Test Reports No. (’s):
   a) FTL–5042, dated 10/10/06, signed and sealed by Edmundo Largaespada, P. E.  
      (Submitted under previous NOA No. 06–0905.01)
   b) FTL–1051, dated 12/21/94 signed and sealed by Yamil G. Kuri, P. E.  
      (Submitted under previous NOA No. 95–0428.01)

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC, prepared by Al–Farooq Corporation, dated 06/09/16, signed and sealed by Javad Ahmad, P. E.
2. Anchor verification calculations and structural analysis, complying with FBC, prepared by Al–Farooq Corporation, dated 06/22/15 and 07/01/15, signed and sealed by Javad Ahmad, P. E.  
   (Submitted under previous NOA No. 15–0706.02)
3. Glazing complies with ASTM E1300–09

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

E. MATERIAL CERTIFICATIONS
1. None.

F. STATEMENTS
1. Statement letter of no financial interest, conformance and compliance with the FBC–2014, 5th edition, dated 06/07/16, signed and sealed by Javad Ahmad, P. E.

   Jorge M. Plasencia, P. E.
   Product Control Unit Supervisor
   NOA No. 18-0122.19
   Expiration Date: September 14, 2021
   Approval Date: May 03, 2018

E – 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continued)
   2. FTL–5042, dated 10/10/06, signed and sealed by Edmundo Largaespada, P. E.
   (Submitted under previous NOA No. 06–0905.01)
   3. FTL–1051, dated 12/21/94 signed and sealed by Yamil G. Kuri, P. E.
   (Submitted under previous NOA No. 95–0428.01)

G. OTHERS
   1. Notice of Acceptance No. 15-0706.02, issued to Doralum Corporation, for their Series
      "100 Outswing Aluminum Patio Doors W/Sidelites – N. I.”, approved on 12/10/15 and
      expiring on 09/14/16.

2. NEW EVIDENCE SUBMITTED
   A. DRAWINGS
      1. Drawing No. W98–58, titled "S–100 Alum Outswing Door W/ Sidelites (N.I.)" sheets 1
         through 6 of 6, dated 07/31/98, prepared by Al–Farooq Corporation, with revision “J”
         dated 04/16/18, signed and sealed by Javad Ahmad, P. E.

   B. TESTS
      1. None.

   C. CALCULATIONS
      1. Anchor verification calculations and structural analysis, complying with FBC 6th Edition
         (2017), prepared by Al–Farooq Corporation, dated 01/15/18 and revised 04/20/18, 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. None.

   F. STATEMENTS
      1. Statement letter of conformance to FBC 6th Edition (2017) and of no financial interest,
         dated 12/19/17, signed and sealed by Javad Ahmad, P. E.

   G. OTHERS
      1. This NOA revises NOA #16-0617.10, expiring on 09/14/2021.

   [Signature]

Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 18-0122.19
Expiration Date: September 14, 2021
Approval Date: May 03, 2018
SERIES-100 ALUMINUM OUTFIELD DOOR W/ SIDELITES

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INTEGRATION RESISTANCE IS REQUIRED.

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 (HVHZ).

DOORS, SILL BUCKS & BUCK FASTENERS MUST BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE PREVIOUSLY SHOWN DETAILS AND INSTALLATION INSTRUCTIONS. SPECIFIED EMERGENCY TO BASE MATERIAL SHALL BE BEYOND DECK, DRESSING OR STUCCO.

A MAXIMUM DURATION INCREASE IS ALLOWED IN DESIGN OF ANCHORS INTO WOOD ONLY.

NO MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER METAL MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. HOA SAFETY OF THE PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INTEGRATION RESISTANCE ETC.

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

TYPICAL ELEVATION

DOORS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPATIBLE WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND-BORNE DEBRIS PROTECTION.

PRODUCT REVISED

as complying with the Florida Building Code

18-0122.19

Expiration Date 09/14/2021

By

Miam-Dade Product Control

AL-FAROOG CORPORATION

7040 N.W. 77 Terrace

Miami, FL 33166

Tel: (305) 234-6666
Fax: (305) 234-6660
### Chart 'A' (For x & xx doors)

#### Doors Without Sidelites

<table>
<thead>
<tr>
<th>Nominal Height</th>
<th>Frame Height</th>
<th>Leaf Height</th>
<th>Daylight Opt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/8</td>
<td>79-3/4&quot;</td>
<td>69-3/8&quot;</td>
<td>73-3/8&quot;</td>
</tr>
<tr>
<td>7/0</td>
<td>83-3/4&quot;</td>
<td>71-3/8&quot;</td>
<td>75-3/8&quot;</td>
</tr>
<tr>
<td>8/0</td>
<td>85-3/4&quot;</td>
<td>85-3/8&quot;</td>
<td>89-3/8&quot;</td>
</tr>
</tbody>
</table>

### Design Load Capacity - P.S.P.

<table>
<thead>
<tr>
<th>Nominal Height</th>
<th>Frame Height</th>
<th>Leaf Height</th>
<th>Daylight Opt.</th>
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<tr>
<td>6/8</td>
<td>79-3/4&quot;</td>
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<td>71-3/8&quot;</td>
<td>75-3/8&quot;</td>
</tr>
<tr>
<td>8/0</td>
<td>85-3/4&quot;</td>
<td>85-3/8&quot;</td>
<td>89-3/8&quot;</td>
</tr>
</tbody>
</table>

### Chart 'B' - Sidelite and 'O' Panel Chart

#### Design Load Capacity - P.S.P.

<table>
<thead>
<tr>
<th>Frame Height</th>
<th>Door Width</th>
<th>Sidelite Width</th>
<th>L/H</th>
<th>I/H</th>
<th>Ext (+)</th>
<th>Int (-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/8</td>
<td>3/0 (x)</td>
<td>6/0 (xx)</td>
<td></td>
<td></td>
<td>24</td>
<td>67.3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>30</td>
<td>118.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/0</td>
<td>3/0 (x)</td>
<td>6/0 (xx)</td>
<td></td>
<td></td>
<td>24</td>
<td>67.3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>30</td>
<td>107.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8/0</td>
<td>3/0 (x)</td>
<td>6/0 (xx)</td>
<td></td>
<td></td>
<td>24</td>
<td>67.3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>30</td>
<td>107.8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Note:

For doors capacities see Chart 'A'.
For sidelite & 'O' panel capacities see Chart 'B'. Lower values from door or sidelite chart will apply to entire system.

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DORALUM CORPORATION
913-510-1515, ext. 100
www.doralum.com

PRODUCT REVISED
as complying with the Florida Building Code
OA No. 18-0122.19
Expiration Date 09/14/2021

By
Miami-Dade Product Control

DECLARATORY STATEMENT DCA5–DEC–219

BASED ON ASTM E1300–09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
WOOD BUCKS AND METAL STRUCTURE NOT BY DOWELISM MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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

1/4" DIA. ULTRACON BY "ELOQ" (F_y=177 KSI, F_t=135 KSI)

INTO 2 BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMS)

THRU 1 BY BUCKS INTO CONC. OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMS)

DIRECTLY INTO CONCRETE OR BLOCKS

1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR BLOCKS (JAMS)

1/4" DIA. TDCS OR SELF-DRILLING SCREWS (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/JAMS)

(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

STEEL: 1/8" THK. MIN. (F_y = 36 KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE FLATTED OR PAINTED)

**CRITICAL EDGE DISTANCE**

INTO CONCRETE AND BLOCKS = 2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMS 50 = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMS F_c = 3000 PSI MIN.

C-50 HOLLOW/FILLED BLOCK AT JAMS f*m = 2000 PSI MIN.

**PRODUCT REVISED as complying with the Florida Building Code NOA-No. 18-0122.19**

Expiration Date 09/14/2021

By Miami-Dade Product Control