Curv-A-Tech Corporation
930 West 23rd Street,
Hialeah, Fl. 33010

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 PERA -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. PERA 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 715 Aluminum Outswing French Doors w/wo Sidelites-N.I.

APPROVAL DOCUMENT: Drawing No. W12-43 Rev D, titled “Series Alum French Door w/ sidelites (N.I.)”, sheets 1 through 15 of 15, prepared by AL-Faroq Corporation, dated 08/09/12 and last revised on APR 12, 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 per FBC required.

Limitations:
1. Where Water Infiltration is needed, the max. Exterior (Positive Design Pressure) to be limited =+65.0 PSF
2. When doors are mullled with sidelite (reinforcing / non-reinf. Mullion) or door mullion, the lower Design Pressure (DP) shall apply to the entire assembly.
3. Single sidelite (O) in sheet 3, is a standalone unit, installed as is
4. Curv-A Tech Single Hung window (SHW- sheet 5) is under separate NOA approval, when SHW used in this system, the lower DP of door, SHW or sidelite mullion shall control for the entire assembly.
5. Glass lite wider than 36” must be supported with approved setting blocks per FBC requirements.

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 & renews # 15-0514.09 consists of this page 1 and evidence pages E-1, E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No. 17-1218.17
Expiration Date: May 30, 2023
Approval Date: April 19, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
1. Manufacturer's die drawings and sections
2. Drawing No. W12-43 Rev C, titled “Series Alum French Door w/ sidelites (N.I.)”, sheets 1 through 15 of 15, prepared by Al-Farooq Corporation, dated 08/09/12 and last revised on 12/14/15, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under file #12-0921.14)
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 Non-Impact outswing aluminum glass door w/ Sidelite (OXXOO), prepared by Fenestration Testing Lab., Inc., part of the Test Report No. FTL-6749, dated 03/12/12, signed and sealed by Marlin D. Brinston, P. E.

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th edition), prepared by Al Farooq Corporation, dated 4/10/15 and last revised on 12/12/15, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTME-1300-02 & -04

D. QUALITY ASSURANCE
1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS
1. None

F. STATEMENTS
1. Statement letter of conformance and letter of no financial interest, prepared by Al Farooq Corporation, dated 4/10/15, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER
1. This NOA revises #12-0921.14, expiring 05/30/18.
2. Test proposal, dated 10/26/11 approved by PERA.


A. DRAWINGS
1. Drawing No. W12-43 Rev D, titled “Series Alum French Door w/ sidelites (N.I.)”, sheets 1 through 15 of 15, prepared by AL-Farooq Corporation, dated 08/09/12 and last revised on APR 12, 2018, prepared by Al-Farooq Corporation, signed and sealed by Java Ahmad, P. E.

B. TESTS
1. None.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1218.17
Expiration Date: May 30, 2023
Approval Date: April 19, 2018
Curv-A-Tech Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC-2017, 6th edition, dated 11/30/18 and last revised on 03/02/18, prepared by Al Farooq Corporation, 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. Letter of conformance to FBC 2017 (6th edition) and No Financial interest dated NOV 15, 2017, prepared by Al Farooq Corporation, signed and sealed by Java Ahmad, P.E.

G. OTHER
   1. This NOA revises & renews NOA # 15-0514.09, expiring 05/30/2023.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1218.17
Expiration Date: May 30, 2023
Approval Date: April 19, 2018
**DOORS/SLIDELITES NOT RATED FOR IMPACT.**

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

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

**SERIES 715 ALUMINUM FRENCH DOOR W/ SLIDELITES**

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SLIDELITES. SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR.

SEE TABLES 1 & 2 FOR SINGLE OR DOUBLE LEAF DOORS CAPACITIES ON SHEET 1.

SEE TABLE 3 FOR SINGLE STATIONARY PANEL CAPACITY ON SHEET 2.

SEE TABLE 4 FOR SLIDELITE SIDELIGHT MULLION AND DOOR MULLION CAPACITY ON SHEET 4.

THE LOWEST VALUE FROM DOOR CAPACITY TABLES OR MULLION CAPACITY TABLE WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

189 OR 289 WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ACCORDINGLY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAIL AND INSTALLED PER MANU'S INSTRUCTIONS. SPECIFIED EMBLEMS TO BASE MATERIAL SHALL BE BONDED WALL DRESSING OR STUCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISIMLAR 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., LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INTESTATION RESISTANCE ETC.

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

**NOTE:**

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

**MONOLITHIC GLASS NON IMPACT**

**NOTE:**

FLUSH BOLTS AND LOCKS MUST BE ENGAGED TO HEAD AND SILL TO WITHSTAND PERIODS OF HURRICANE WARNING.

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**TABLE 1**

<table>
<thead>
<tr>
<th>DOORS LOAD CAPACITY - PSF SINGLE (X)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRAME DIMS</td>
</tr>
<tr>
<td>FRAME WIDTH</td>
</tr>
<tr>
<td>31-1/2'</td>
</tr>
<tr>
<td>37-1/2'</td>
</tr>
<tr>
<td>41-1/2'</td>
</tr>
<tr>
<td>31-1/2'</td>
</tr>
<tr>
<td>37-1/2'</td>
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<tr>
<td>41-1/2'</td>
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<tr>
<td>31-1/2'</td>
</tr>
<tr>
<td>37-1/2'</td>
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<tr>
<td>41-1/2'</td>
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<tr>
<td>31-1/2'</td>
</tr>
<tr>
<td>37-1/2'</td>
</tr>
<tr>
<td>41-1/2'</td>
</tr>
</tbody>
</table>

**NOTE:** VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.

**TABLE 2**

<table>
<thead>
<tr>
<th>DOORS LOAD CAPACITY - PSF DOUBLE (XX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRAME DIMS</td>
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<tr>
<td>FRAME WIDTH</td>
</tr>
<tr>
<td>59-3/4&quot;</td>
</tr>
<tr>
<td>71-3/4&quot;</td>
</tr>
<tr>
<td>79-1/2&quot;</td>
</tr>
<tr>
<td>59-3/4&quot;</td>
</tr>
<tr>
<td>71-3/4&quot;</td>
</tr>
<tr>
<td>79-1/2&quot;</td>
</tr>
<tr>
<td>59-3/4&quot;</td>
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<td>71-3/4&quot;</td>
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<td>79-1/2&quot;</td>
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<td>59-3/4&quot;</td>
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<td>71-3/4&quot;</td>
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<td>79-1/2&quot;</td>
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<tr>
<td>59-3/4&quot;</td>
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<tr>
<td>71-3/4&quot;</td>
</tr>
<tr>
<td>79-1/2&quot;</td>
</tr>
</tbody>
</table>

**NOTE:** VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.
TYPICAL ELEVATION

DOORS WITH SIDELITE OPTIONS

NOTE:

1. DOORS ARE VIEWED FROM OUTSIDE.
2. FRENCH DOORS WITHOUT INSET SCREENS.

GLASS D.L.O. DIMS:

D.L.O. HEIGHT (HIGH PROFILE SIDELITE) = SIDELITE HEIGHT - 11.750"
D.L.O. HEIGHT (LOW PROFILE SIDELITE) = SIDELITE HEIGHT - 5.250"
D.L.O. WIDTH (SIDELITE) = SIDELITE WIDTH - 4.250"
D.L.O. HEIGHT (DOOR) = FRAME HEIGHT - 11.687"
D.L.O. WIDTH (X DOORS) = FRAME WIDTH - 13.750"
D.L.O. WIDTH (XX DOORS) = (FRAME WIDTH - 24")/2
<table>
<thead>
<tr>
<th>MULLION &amp; SIDELITE DESIGN LOAD CAPACITY - PSF</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIDEKIT FRAME WIDTH</td>
</tr>
<tr>
<td>FRAME WIDTH INCHES</td>
</tr>
<tr>
<td>---------------------</td>
</tr>
<tr>
<td>82</td>
</tr>
<tr>
<td>41 1/2 (O)</td>
</tr>
<tr>
<td>36</td>
</tr>
<tr>
<td>42</td>
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<td>45</td>
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<td>45</td>
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<tr>
<td>96</td>
</tr>
<tr>
<td>41 1/2 (O)</td>
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<td>36</td>
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<tr>
<td>42</td>
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<td>45</td>
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<td>48</td>
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<tr>
<td>98</td>
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<tr>
<td>41 1/2 (O)</td>
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<td>36</td>
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<tr>
<td>42</td>
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<tr>
<td>45</td>
</tr>
<tr>
<td>48</td>
</tr>
</tbody>
</table>

**INSTRUCTIONS:**

1. SELECT SINGLE OR DOUBLE DOORS CAPACITY FROM TABLES 1 OR 2 ON SHEET 1.
2. SELECT LOWER OF SIDELITE, SIDELITE MULLION AND DOOR MULLION CAPACITY FROM TABLE 4.
3. LOWER VALUES FROM STEPS 1 OR 2 WILL APPLY TO ENROUTE SYSTEM.

**NOTE:**

- THE MAXIMUM AREA OF ALTERNATE SIZE UNITS MUST NOT EXCEED THE TESTED FRAME AREA OF 139.9 SQ. FT.

**NOTE:**

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

**PRODUCT REVIEWED:**

- complying with the Florida Building Code
- Acceptance No. J7-121317
- Kyrathene Date: 07-24-17
- Mar. Ahtah Products Co.
NOTE:
DOORS WITH S.H. WINDOW INSERT (UNDER SEPARATE NOA) MAY BE INSTALLED WITH OR WITHOUT SIDELITES. SEE SHEET 3 FOR 42" WIDE MAX. SIDELITE CAPACITY.

TYPICAL ELEVATION

SINGLE LEAF DOOR WITH SERIES 300 SINGLE HUNG WDW. INSERT WITH 42" MAX. WIDE SIDELITE

WINDOW INSERT OPTION

<table>
<thead>
<tr>
<th>SINGLE LEAF (X) DOORS WITH CURV-A-TECH S.H. WDW. INSERT</th>
<th>DESIGN LOAD CAPACITY - PSF</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOOR FRAME WIDTH (INCHES)</td>
<td>DOOR FRAME HEIGHT (INCHES)</td>
</tr>
<tr>
<td>43&quot;</td>
<td>98&quot;</td>
</tr>
</tbody>
</table>

NOTE:
LOWER DESIGN PRESSURE OF SINGLE LEAF DOOR OR SINGLE HUNG WINDOW (UNDER SEPARATE APPROVAL) OR 42" WIDE MAX. SIDELITE SHALL CONTROL THE ENTIRE ASSEMBLY.
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY "ELCO" (Fu=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)

#4 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR
INTO METAL STRUCTURES (HEAD/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-75 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" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS Fc = 3000 PSI MIN.
C-80 HOLLOW/FILLED BLOCK AT JAMBS Fm = 2000 PSI MIN.

ANCHORS MAY BE HEX OR FLAT HEAD.

1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY CURV-A-TECH CORP. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.
SEALANTS:
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
"SCHNEE MOREHEAD 5504" SEALANT.
SINGLE DOOR WITH SINGLE HUNG WINDOW INSERT MULLED WITH SIDELITE
SEE SHEET 5
CURV-A-TECH S.H. WDW SERIES 300 UNDER SEPARATE APPROVAL SHOWN FOR REFERENCE ONLY.