AWP Window & Door Solutions, LLC
8130 NW 74th Avenue
Medley, 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 “4100” Aluminum Sliding Glass Door (Steel-reinforced)-L.M.I.

APPROVAL DOCUMENT: Drawing No. W09-17 Rev G, titled “Series 4100 Alum Sld. Glass Door (L.M.I.)”, sheets 1 through 6 of 6, dated 03-11-09 and last revised on May 06, 2015, 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 Missile Impact Resistant

Limitations:
1. OX, XO or OXO configurations.
2. Typical pairs of anchors to be used at each location shown in elevation.

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 & revokes #13-1224.01 (former Trulite Windows & Doors, LLC) 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.
AWP Window & Door Solutions, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's die drawings and sections (Submitted under files see below)
2. Drawing No. W09-17 Rev G, titled “Series 4100 Alum Sld. Glass Door (L.M.I.)”, sheets 1 through 6 of 6, dated 03-11-09 and last revised on May 06, 2015, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under file #13-1224.01/#12-0118.31 & #10-0804.04)
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 Missile 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 OXO aluminum Sliding glass door, prepared by Fenestration Testing Lab., Test Report No. FTL-5766, dated 01/23/09, signed and sealed by Michael S. Wenzel, P.E.

C. CALCULATIONS (submitted under file #13-1224.01)
1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th Edition), prepared by Al Farooq Corporation, dated 03/31/14 and last revised on 06/04/14, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies w/ASTME-1300-04 &-09

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 12–1231.08 issued to Eastman Chemical Company (MA) for the “Saflex CP: Saflex and Saflex HP Composite Glass Interlayers with PET Core”, expiring on 12/11/18.
2. Technical strength data of flexible vinyl (Apex 31674) gasket extruded by Melt plastic Int’l Inc.

F. STATEMENTS
2. Statement Letter from Trulite Window & Door Solutions, LLC, owners of existing NOA, stating that they have sold all assets to the applicant, that they no longer manufacture the product and relinquish their rights to the current NOA (notarized Schedule A), dated April 20, 2015, signed by Mr. Kevin Barrett, Chief Financial Officer.
3. Asset purchase agreement dated March 20, 2014, between Trulite Intermediate Holding, Inc. (Asset Sellers) and AWP Windows and Doors, LLC (Acquiror) signed by Mr. Paul Schmitz, Chief Executive Officer and President, Trulite Intermediate Holding, LLC and Mr. Tim Morris, Jr., President and C.F.O., AWP Windows and Doors, LLC
4. Statement letter of conformance to FBC 2014 (5th Edition), prepared by Al-Farooq Corporation, dated 01/04/12, signed and sealed by Javad Ahmad, P.E.( submitted under file #13-1224.01).

Ishiq I. Chanda, P.E.
Product Control Examiner
NOA No. 14-1103.02
Expiration Date: July 08, 2019
Approval Date: May 14, 2015
AWP Window & Door Solutions, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue): (Statement below were submitted under files #13-1224.01(Truelite) #12-0118.31 & #10-0804.04)

5. Statement letter of conformance FBC 2010 and letter of no financial interest, prepared by Al-Farooq Corporation, dated 01/04/12, signed and sealed by Javad Ahmad, P.E. (Submitted under file #12-0118.31)

6. Statement letter of compliance, part of the above referenced test reports

7. Sales agreement between AWP, LLC (seller) and Arch Aluminum & Glass Enterprise, a Delaware Corp (purchaser) dated Jan 14, 2010, signed by Leon J. Silverstein and Wm, Robert Wright, respectively.


10. Florida Dept. of State, listing of Arch Window, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Fl.

11. Asset purchase agreement dated 11/01/06 among AWP, LLC (Buyer) and Yale Ogron Windows & Door Inc. (seller), signed by Leon J. Silverstein and Manny Valladares, respectively.


G. OTHER

1. This NOA revises #13-1224.01(former Truelite Windows & Doors), expiring on July 08, 2019.

2. Test proposal dated 08/04/08 approved by BCCO.

Ismaïl I. Chanda, P.E.
Product Control Examiner
NOA No. 14-1103.02
Expiration Date: July 08, 2019
Approval Date: May 14, 2015
### DESIGN LOAD CAPACITY - FSB

<table>
<thead>
<tr>
<th>Door Frame Width</th>
<th>Door Frame Height</th>
<th>Design Load Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>88</td>
<td>96</td>
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<td>112</td>
</tr>
<tr>
<td>128</td>
<td>144</td>
<td>144</td>
</tr>
</tbody>
</table>

**Door Height and Width Size Must Comply with Requirements Per FBC.**

**Daylite Openings:**
- D.O.O. Height = Panel Height = 6.605’
- D.O.O. Width (Fix. Panel) = Panel Width = 5.750’
- Panel Height = Door Frame Height = 0.575’

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**Series 4100 Aluminum Sliding Glass Door**

**Design Load Capacity for Doors to Be As Per Charts Shown Above.**

This product has been designed and tested to comply with the requirements of the Florida Building Code, including high velocity hurricane zone (HVHZ).

**Anchors shall be as listed, spaced as shown on details. Anchors embedment to base material shall be beyond wall dressing or stucco.**

**A load duration increase is used in design of anchors into wood only.**

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**Approved Configurations**

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**Note:**
Glass capacities on this sheet are based on ASTM E1300-09 (3 sec. gusts) and Florida Building Commission Declaratory Statement DCASS-DEC-219.

These doors are rated for large & small missile impact and require no shutters.

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**Drawing No.:** W09-17

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**Signatures:**

- **Architect:** AIA
- **Engineer:** AIA
- **Project Manager:** AIA

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**Firm:**

- **Address:** 8170 W. 74th Ave., Suite 4-B, Miami, FL 33166
- **Phone:** (305) 345-1234
- **Fax:** (305) 345-1234
CUP TYPE 'C'
HEAD COVER REMOVED TO SHOW CLIP

CUP TYPE 'B'
AT MIDSPAN OF FIX. PANELS

CUP TYPE 'B'
SILL COVER REMOVED TO SHOW CLIP

SILL COVER BETWEEN FIX. PANELS

HEADING BETWEEN FIX. PANELS

FIXED PANEL CLIPS INSTALLATION SHOWN IN DETAILS
FOR DOOR FASTENERS SEE SHEETS 2 THRU 4.

POURED & HARDENED
HIGH STRENGTH CONCRETE
NON-BURNING, NON-METALLIC
C/0 = 5000 PSI MIN.
NOT TO BE USED W/ WINDOWS.
MUST TRANSFER SHEAR LOADS TO STRUCTURE.

TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING.

CONCRETE
3 KG/M² MIN.

-1/4" MAX.

-1/4" MIN.

1/4" MAX.

1/4" MIN.

1/4" MIN.

1/4" MAX.

CONCRETE
3 KG/M² MIN.

TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING.
WOOD BUCKS AND METAL STRUCTURE NOT BY AMP WINDOWS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY "TW" (Fv=120 KS, Fy=92 KS)

1/4" DIA. ULTRACON BY "ELCO" (Fv=177 KS, Fy=155 KS)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)
DIRECTLY INTO CONC. OR MASONRY
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)
1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO METAL STRUCTURES
STEEL: 12 GA. MIN. (Fv = 36 KSI MIN.)
ALUMINUM: 1/8" THK. MIN. (6063-15 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCE
INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 1/2" MIN.
CONCRETE AT HEAD, SILL OR JAMBS Fc = 3000 PSI MIN.
0-90 HOLLOW/FILLED BLOCK AT JAMBS Fm = 2000 PSI MIN.