NOTICE OF ACCEPTANCE (NOA)

Air Master Awning, LLC
Road PR#2 Interior KM 56.7
Barceloneta, Puerto Rico 00617

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 “HP” Aluminum Sliding Glass Doors - L.M.I.

APPROVAL DOCUMENT: Drawing No. AIR001 (former 12-202), titled “Series Aluminum Sliding HP Door”, sheets 1 through 10 of 10, dated 07/20/18 and last revised on 01-23-19, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, 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 VS unit sizes, number of panels, max DLO and glazing type in sheet 8 and 9. All SGD configured with pocket jamb are limited to +60.0/-50 PSF (see pocket installation details in sheet 3).
2. Pocket wall under separate approval, to be reviewed by AHJ.

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 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 NOA # 12-1219.05 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 Ishaq I. Chanda, P.E.

NOA No. 15-0309.01
Expiration Date: September 05, 2023
Approval Date: February 21, 2019
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
   1. Manufacturer's die drawings and sections.
   2. Drawing No. 12–202, titled Series “High Performance Sliding Door IR”, sheets 01 through 08 of 08, dated 12/10/12 with the latest revision dated 08/19/13, prepared by Knezevich Associates, signed and sealed by V. John Knezevich, P. E.

B. TESTS (submitted under file #12-1219.05)
   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, and TAS 202–94
      along with marked-up drawings and installation diagram of Aluminum sliding glass door w/ pockets, prepared by Blackwater Testing, Inc., Test Report No. BT-AM-12–003, dated 11/12/12, signed and sealed by Yami Gerardo Kuri, P. E.
   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, and TAS 202–94
      along with marked-up drawings and installation diagram of Aluminum sliding glass door w/ pockets, prepared by Blackwater Testing, Inc., Test Report No.BT-AM-12–003A, dated 06/03/13, signed and sealed by Yami Gerardo Kuri, P. E.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC–2010 and ANSI/ AAMA/ NWWD 101/ I.S.2–97, dated 02/18/13, prepared by V. J. Knezevich & Associates, LLC, dated 07/31/13, signed and sealed by V. J. Knezevich, P. E.
   2. Glazing complies with ASTM E1300–04e1.

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 (MA) dba Solutia, Inc. for their “Saflex Clear and Color Glass Interlayers” dated 03/14/13, expiring on 05/21/16.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 15-0309.01
Expiration Date: September 05, 2023
Approval Date: February 21, 2019
NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

F. STATEMENTS
2. Laboratory compliance letter for Test Report No. BT-AM-12-003A, issued by Blackwater Testing, Inc., dated 06/03/13, signed and sealed by Yami Gerardo Kuri, P. E.
3. Laboratory compliance letter for Test Report No. BT-AM-12-003, issued by Blackwater Testing, Inc., dated 11/12/12, signed and sealed by Yami Gerardo Kuri, P. E.

G. OTHERS
1. None.

2. New Evidence submitted

A. DRAWINGS
1. Drawing No. AIR001 (former 12-202), titled “Series Aluminum Sliding HP Door”, sheets 1 through 10 of 10, dated 07/20/18 and last revised on 01-23-19, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.

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) 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, and TAS 202-94
along with marked-up drawings and installation diagram of Aluminum sliding glass door w/ pockets, prepared by Blackwater Testing, Inc., Test Report No. BT-AM-14-001(B), dated 09/09/14, signed and sealed by Yami Gerardo Kuri, P.E.

C. CALCULATIONS
2. Glazing complies w/ ASTM-E-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. 18-0301.06 issued to Eastman Chemical Company (MA), Inc. (Former Solutia Inc.) for their “Seflex CP: Saflex and sflex HP composite interlayer w/ PET core”, expiring on 12/11/23.

Ishfaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 15-0309.01
Expiration Date: September 05, 2023
Approval Date: February 21, 2019

E - 2
AIR Master Awning, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS
1. Statement letter of conformance and letter of no financial interest, prepared by Building Drops, Inc, dated 07/11/18, signed and sealed by Hermes F. Norero, P.E.
2. Statement letter dated 08/28/18 of “adopting another Engineer work, as own” per Florida State rule, chapter G 61, signed and sealed by Hermes F. Norero, P.E.
3. Lab compliance as part of the above referenced test report.

G. OTHER
1. This NOA revises & renews NOA # 12-1219.05, expired on 09/05/2018.
2. Test Proposal # 13-1097 dated 11/07/13, issued by RER.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 15-0309.01
Expiration Date: September 05, 2023
Approval Date: February 21, 2019
SERIES ALUMINUM SLIDING HP DOOR

GENERAL NOTES:
2. 2 TRACKS BOXES MULLION ARE INSTALLED PROPERLY ALLOWED TO THE BUILDING RESISTS THE SUPERIMPOSED LOADS IN ACCORDANCE WITH REQUIREMENTS OF FBC.
3. 2 TRACK BOXES MULLION ARE INSTALLED AND MOUNTED SUCH THAT THEY ARE NOT STRAINED DURING INSTALLATION AND ACT AS SHIM BLOCKS DURING LOADING TRANSFER FOR FASTENERS THROUGH THE DOOR FRAME TO THE STRUCTURE.
4. SEE SHEET S 3 AND 4 FOR TYPICAL ANCHOR LAYOUT DETAILS.

EXTERIOR ELEVATION SLIDING DOOR HIGH PERFORMANCE IMPACT (TESTED SIZE):

SECTION SLIDING DOOR 4 PANEL HIGH PERFORMANCE IMPACT (TESTED SIZE):

DESIGN PRESSURE RATING IMPACT RATING
+/− 72.1 LSF* LARGE AND SMALL MIDSHAPE IMPACT

*SEE TABLE 2A ON SHEET 8 OF 10 FOR DESIGN PRESSURE RATINGS FOR CONFIGURATIONS USING POCKET JAMB FOR THE SIZES LISTED, APPLICABLE TO ENTIRE ASSEMBLY.
<table>
<thead>
<tr>
<th>ITEM #</th>
<th>PART #</th>
<th>DESCRIPTION</th>
<th>MANUFACTURER / SUPPLIER / NOTES</th>
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<tr>
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<td>FRAME HEAD</td>
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<td>SLOPE ADAPTER</td>
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<td>ASTRAGAL ADAPTER</td>
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**SEALS & SEALANTS**

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<td>82180</td>
<td>RIG STRUCTURAL SKIMMED BLACK</td>
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<td>38061</td>
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<td>RUBBER KNEE BLACK P. 234-1-4-35</td>
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**GLASS**

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<td>22</td>
<td>1/16&quot; IMPACT GLASS</td>
<td>1/16&quot; AMBER A200 SG. GLASS OR SILVER OR CLEAR A200 SG. GLASS. GLASS IS IN 6-24&quot; X 9 - 36&quot; SIZES.</td>
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**FASTENERS**

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**HARDWARE**

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<td>27</td>
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<td>28</td>
<td>24122</td>
<td>KNOB SET</td>
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<tr>
<td>29</td>
<td>85130</td>
<td>STAINLESS STEEL HAND TANKER POLISH</td>
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<td>30</td>
<td>33666</td>
<td>KEY CARRIER</td>
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**BILL OF MATERIALS**

**REVISIONS**

**DATE:** 06/01/88

**DRAWING NO.:** 06/01/88

**SHEET:** 2 OF 10

**P.O. BOX 21972**

**BARDWIN, TX 77417**

**PHONE:** 713.621.9919

**AXIS DISTRIBUTURES**

**SUITE #350**

**DARWIN BEACH, FL 32528**

**PHONE:** 713.621.9919

**COPYRIGHT 1988**

**ARCHITECT:** S.L.B.

**CONTRACTOR:** P.O. BOX 21972

**DESIGNER:** BARDWIN, TX 77417

**CONTRACTOR/ARCHITECT:** P.O. BOX 21972

**DESIGNER:** BARDWIN, TX 77417

**ARCHITECT:** P.O. BOX 21972

**CONTRACTOR:** BARDWIN, TX 77417

**DESIGNER:** BARDWIN, TX 77417

**ARCHITECT:** P.O. BOX 21972

**CONTRACTOR:** BARDWIN, TX 77417

**DESIGNER:** BARDWIN, TX 77417

**ARCHITECT:** P.O. BOX 21972

**CONTRACTOR:** BARDWIN, TX 77417

**DESIGNER:** BARDWIN, TX 77417
STILE/INTERLOCK TO TOP AND BOTTOM FASTENER DETAIL

SIDE VIEW

STAINLESS STEEL TANDEM ROLLERS DETAIL

STAINLESS STEEL TANDEM ROLLERS DETAIL

SCALE: FULL SIZE

AIR MASTER
AIR DUCTS | HVAC SYSTEMS

F.P. 406 267
BARRACUDA P.O. BOX 50057
WWW.AIRMASTER.COM
FL 1707 847 2130  FL 1707 823 0095

REVISIONS

PRODUCT REVIS

05/07/98

Air Master Product Control
POCKET LOCATION IF NO JAMBS ARE USED
(TYPICAL EACH END OF TRACK)

HEAD & SILL
2-TRACK SYSTEM

FOR POCKET OR JAMB INSTALLATION
MAX FRAME WIDTH = 192"

3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3"

TYPICAL HEAD & SILL ANCHOR LOCATIONS
N.T.S.
ANCHOIRS:

FRAME HEAD:
A. 1/4" DIAMETER ELCO ULTRACON (0.363" HEAD SIZE) THROUGH 1/4" MAX. WOOD SHIMS INTO 2448 PSI CONCRETE WITH 2 1/2" EDGE DISTANCE, MIN. 1 1/2" SPACING & 1 3/4" EMBEDMENT (Fy = 135 ksi, Fu = 177 ksi).
B. #12 GRADE 5 WOOD SCREW WITH 1 1/4" EDGE DISTANCE, 1 1/4" MINIMUM SPACING AND 1 1/2" PENETRATION IN SG=0.55 WOOD
C. #12 GRADE 5 TEK SCREW OR SMS INTO METAL STRUCTURE WITH MIN. 1" EDGE DISTANCE, 1 1/4" MIN. SPACING & MIN. 3 THREADS PENETRATION BEYOND METAL

FRAME SILLS:
A. 1/4" DIAMETER ELCO ULTRACON (0.363" HEAD SIZE) THROUGH 1/4" MAX. WOOD SHIMS INTO 2448 PSI CONCRETE WITH 2 1/2" EDGE DISTANCE, MIN. 1 1/2" SPACING & 1 3/4" EMBEDMENT (Fy = 135 ksi, Fu = 177 ksi).
B. #12 GRADE 5 WOOD SCREW WITH 1 1/4" EDGE DISTANCE, 1 1/4" MINIMUM SPACING AND 1 1/2" PENETRATION IN SG=0.55 WOOD
C. 1/4" DIAMETER ELCO ULTRACON (0.363" HEAD SIZE) THROUGH 1/4" MAX. WOOD SHIMS INTO GROUT FILLED CMU WITH 2 1/2" EDGE DISTANCE, MIN. SPACING = 4" (ANCHOR LOCATIONS MAY BE MODIFIED TO ACHIEVE MIN SPACING) & MIN. EMBEDMENT = 1 1/4" (Fy = 155 ksi, Fu = 197 ksi)
D. MASONRY SUBSTRATES SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF ASTM C326, C555 AND C623.
E. BOLTING OF REINFORCED CONCRETE FRAME TO METAL STRUCTURE WITH MIN. 1" EDGE DISTANCE, 1 1/4" MINIMUM SPACING AND 1 1/2" PENETRATION IN GROUT=0.65 WOOD
F. #12 GRADE 5 WOOD SCREW WITH 1 1/4" EDGE DISTANCE, 1 1/4" MINIMUM SPACING AND 1 1/2" PENETRATION IN SG=0.55 WOOD
G. 36 KSI STEEL, MINIMUM 12 GAUGE GALVANIZED STEEL OR PAINTED STEEL SEE FBC DISINTEGRAL METAL REQUIREMENTS

NOTES:
1. ALL ELCO ULTRACONS ARE TO BE COATED WITH STALGARD.
2. ALL ELCO ULTRACONS AND WOOD SCREWS ARE TO BE PHILLIPS FLAT HEAD.
3. WOOD SHIMS WITH A MAXIMUM THICKNESS OF 1/4" MAY BE USED BETWEEN THE FRAME AND THE SUBSTRATE.

SEALANT BY OTHERS
FRAME JAMB ANCHOR PER DETAIL

2-TRACK JAMB DETAIL T
SCALE: HALF SIZE
(CONCRETE OR GROUT FILLED CMU)

2-TRACK JAMB DETAIL U
SCALE: HALF SIZE
(CONCRETE OR GROUT FILLED CMU)

2-TRACK FRAME JAMB DETAIL Y
SCALE: HALF SIZE
(2X4 WOOD FRAME)

INSTALLATION SCREW HOLES LOCATION DETAIL
NOTE:
1. FRAME JAMB & FRAME JAMB ADAPTER SPACING SHOWN IS SUITABLE FOR STEEL, ALUMINUM, WOOD, CONCRETE, AND GROUT FILLED CMU SUBSTRATES.
### Table 1 - For Frame Height 96" - HP Sliding Door IR

<table>
<thead>
<tr>
<th>Nominal Height (in)</th>
<th>Nominal Width (in)</th>
<th>Number of Panels</th>
<th>Design Wind Load - Pos. PSF</th>
<th>Design Wind Load - Neg. PSF</th>
<th>Overall Width W/Out Pocket (in)</th>
<th>Single Panel Overall Width (in)</th>
<th>Vertical DLO (in)</th>
<th>Horizontal DLO/Panel (in)</th>
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<td>4</td>
<td>72.1'</td>
<td>72.1'</td>
<td>191.00</td>
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<td>161.00</td>
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<td>72.1'</td>
<td>143.00</td>
<td>36.08</td>
<td>87.94</td>
<td>31.81</td>
<td></td>
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<tr>
<td>* 30</td>
<td>4</td>
<td>72.1'</td>
<td>72.1'</td>
<td>119.00</td>
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<td>87.94</td>
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### Table 1A - Allowable Pressures for Configurations Using Pocket Jamb

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<th>Nominal Height (in)</th>
<th>Nominal Width (in)</th>
<th>Design Wind Load - Pos. PSF</th>
<th>Design Wind Load - Neg. PSF</th>
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### Table 1A Notes:

1. Table 1A Design Pressure Applies to Configurations with Number of Panels and to Doors of All Sizes, Listed in Table 1 (Pages 8 & 9).
### Table 1, Continued - For Frame Heights 84" & 80" - HP Sliding Door IR

<table>
<thead>
<tr>
<th>Nominal Height (in)</th>
<th>Nominal Width (in)</th>
<th>Number of Panels</th>
<th>Design Wind Load - Pos. PSF</th>
<th>Design Wind Load - Neg. PSF</th>
<th>Overall Width w/ Out Pocket (in)</th>
<th>Single Panel Overall Width (in)</th>
<th>Vertical (in)</th>
<th>Horizontal (in)</th>
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**Table 1 Notes:**
1. Horizontal and vertical daylight openings (DIO) (%) for each nominal size may not be exceeded.
2. * See General Note No. 10 on Sheet 1 (of 9).
3. * See Table 1A, Sheet 8, for allowable pressures for pocket jamb configurations, for the sizes listed.

**Air Master Engineering**

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**Revisions**
- Date
  - 05/07/18
- By
  - DWG #: AIR001
- Title
  - Sliding HP Door
- Description
  - Sheet 9 of 10
- Drawn/Checked/Approved
  - Drawn: P.M. 04/18
  - Check: P.M. 05/07/18
  - Approved: P.M. 05/07/18
- Scale
  - 1:50
- Sheet
  - DWG #: AIR001
  - Sheet: 9 of 10

* Table 1A, Sheet 8, for Design Pressure Ratings for Configurations Using Pocket Panels*