NOTICE OF ACCEPTANCE (NOA)

Eurotech Industries, Inc.
4201 NE 12 Terrace
Oakland Park, FL 33334

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 Entrance Door-LMI

APPROVAL DOCUMENT: Drawing No. W04-01 Rev F, titled “Aluminum Outswing Entrance Door”, sheets 1, 1.1, 2 through 5 of 5, dated 01/15/04 and last revised on MAY O8, 2018, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Renewal 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

Limitations:
2. Single or double doors may be mulled with approved clipped mullion or sidelftes or transom (under separate approvals), lower design rating shall apply and such installation to be reviewed & approved 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 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 renews NOA # 18-0116.03 and consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer's die drawings and sections (Submitted under files below)
   2. Drawing No. W04-01 Rev C, titled “Aluminum Outswing Entrance Door”, sheets 1 through 5 of 5, dated 01/15/04 and last revised on FEB 01, 2012, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files # 14-0303.09/#12-0208.03/#09-0310.05)
   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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
      5) Large Missile Impact Test per FBC, TAS 201-94
      6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with installation diagram of aluminum outswing door, prepared by Hurricane Engineering Testing Inc., Test Report No(s). HETI- 08-2021, 08-2022, 08-2023 and 08-2024, all dated 03/15/08, signed and sealed by Candido Font, 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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
      5) Large Missile Impact Test per FBC, TAS 201-94
      6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with installation diagram of aluminum outswing door, prepared by Hurricane Engineering Testing Inc., Test Report No(s). HETI- 03-1882, 08-1889, 08-18890 and 08-2024, dated 01/15/04 thru 02/09/2004, all signed and sealed by Rafael E. Droz-Seda, P.E. (transferred from file # 08-0507.10)

   3. Tensile Test prepared by Hurricane Engineering & Testing. Test No. HETI-04-T100, dtd 01/29/04, tested per ASTM E8-01, signed & sealed by Rafael E. Droz-Seda, P.E.

C. CALCULATIONS
   1. Anchor Calculations and structural analysis, dated 07/23/15, prepared by Al-Farooq Corp., 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. 14-0916.11 issued to Kuraray America., Inc. for their “Sentry Glas ® (Clear and White) Glass Interlayer”, expiring on 07/04/18.

   2. Notice of Acceptance No. 14-0916.10 issued to Kuraray America., Inc. for their “Butacite PVB Interlayer”, expiring on 12/11/16.

F. STATEMENTS
   1. Statement letter of conformance to FBC 2014 & no financial interests, prepared by Al Farooq Corporation, dated 07/23/15, signed and sealed by Javad Ahmad, P.E.

   2. Lab compliance as part of the above referenced test report.

G. OTHER
   1. This NOA renews NOA # 14-0303.09, expiring on June 10, 2019.

   2. Test proposal # 07-3527 approved by BCCO.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0318.01
Expiration Date: June 10, 2024
Approval Date: April 11, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under #18-0116.03

A. DRAWINGS
1. Drawing No. W04-01 Rev F, titled “Aluminum Outswing Entrance Door”, sheets 1, 1.1, 2 through 5 of 5, dated 01/15/04 and last revised on MAY 08, 2018, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS
1. None.

C. CALCULATIONS
1. None.

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 16-1116.01 issued to Kuraray America., Inc. for their “Trofosil ultra clear, clear & color PVB Interlayer”, expiring on 07/08/19.

F. STATEMENTS
1. Statement letter of conformance to FBC 6th Edition (2017) and of no financial interest, prepared by Al Farooq Corporation, dated 12/10/17, signed and sealed by Javad Ahmad, P.E.

G. OTHER
1. This NOA revises NOA # 18-0116.03, expiring 06/10/2019.

3. New Evidence submitted

A. DRAWINGS
1. Drawing No. W04-01 Rev F, titled “Aluminum Outswing Entrance Door”, sheets 1, 1.1, 2 through 5 of 5, dated 01/15/04 and last revised on MAY 08, 2018, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS (Reference current test submitted under files #15-0707.02)
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 and TAS 202-94
   5) Large Missile Impact Test per FBC, TAS 201-94
   6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with installation diagram of aluminum outswing door, prepared by American Test Lab of South Florida, Test Report No(s). ATLSF 0304.01-15, dated 05/26/15, signed and sealed by Stephen Warter, P.E.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0318.01
Expiration Date: June 10, 2024
Approval Date: April 11, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS
   1. None.

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 16-1116.01 issued to Kuraray America, Inc. for their “Trofosil ultra clear, clear & color PVB Interlayer”, expiring on 07/08/19.

F. STATEMENTS
   1. Statement letter of conformance to FBC 6th Edition (2017) and of no financial interest, prepared by Al Farooq Corporation, dated 02/28/19, signed and sealed by Javad Ahmad, P.E.

G. OTHER
   1. This NOA renews NOA # 18-0116.03, expiring 06/10/2024, subjected to verification in next renewal cycle.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0318.01
Expiration Date: June 10, 2024
Approval Date: April 11, 2019
ALUMINUM OUTSWING ENTRANCE DOOR

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS. ALSO SINGLE AND DOUBLE DOORS IN COMBINATION WITH SIDELITES USING MAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. ALSO SINGLE AND DOUBLE DOORS WITH OR WITHOUT SIDELITES IN COMBINATION WITH TRANSOMS USING MAMI-DADE COUNTY APPROVED MULLION IN BETWEEN. LOWER DESIGN PRESSURES FROM DOOR, SIDELITE OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

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).

18Y OR 28Y WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUFACTURER’S INSTRUCTIONS. SPECIFIED EMBEDMENT INTO BASE MATERIAL, SHALL BE BEYOND WALL DRESSING OR STUCCO.

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

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

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR 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 INfiltrATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY. IN HVHZ ONE TIME APPROVAL FOR MAMI-DADE COUNTY TO BE OBTAINED, IN NON HVHZ SUCH PROJECTS TO BE REVIEWED BY AHJ (AUTHORITY HAVING JURISDICTION).

TYPICAL ELEVATIONS

PRODUCT REVISED
May 8, 2018
Miami Built Product Control

May 8, 2018

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT, SHUTTERS ARE NOT REQUIRED.
LOCK OPTION '2'
DOUBLE DOOR W/ 3 POINT LOCK + FLUSH BOLTS
SEE BP CHART ON SHEET 2

TYPICAL ELEVATION
<table>
<thead>
<tr>
<th>Design Load Capacity - PSF Single (X) Doors</th>
<th>Design Load Capacity - PSF Double (XX) Doors</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Door Size</strong></td>
<td><strong>Glass Type 'A'</strong></td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td><strong>Height</strong></td>
</tr>
<tr>
<td>2'6</td>
<td>6/8</td>
</tr>
<tr>
<td>3'0</td>
<td>6/8</td>
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<tr>
<td>3'6</td>
<td>8/0</td>
</tr>
</tbody>
</table>

**Locks Single Doors:** (Option #1)
3 Point Lock System at Active Lock Stile 36" from Bottom, Key Operated on Exterior and Thumb Turn on Interior.

**Locks Double Doors:** (Option #2)
Manually Operated Flush Bolts at Top and Bottom of Active Leaf Part #02181 Attached with (4) #10 x 1-1/2" SMS.
3 Point Lock System at Active Lock Stile 36" from Bottom, Key Operated on Exterior and Thumb Turn on Interior.

**Hinges Single Doors:**
Two-Handed Comb Hing Extruded Aluminum Bridge 2 by 'Gessse' (3) Per Leaf at 6", 12", 35", 63-1/2" and 92-1/2" from Top of Door

**Hinges Double Doors:**
Two-Handed Comb Hing Extruded Aluminum Bridge 2 by 'Gessse' (3) Per Leaf at 6", 12", 35", 63-1/2" and 92-1/2" from Top of Door.
WOOD BUCKS AND METAL STRUCTURE NOT BY EUROTREC MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DA. ULTRA-CON 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)

#14 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. (6003-75 MIN.)
STEEL: 1/8" THK. MIN. (fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

CRITICAL 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 f'c = 3000 PSI MIN.
C=90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

SEALANTS:
ALL FRAME AND LEAF CORNERS AND JOINTS SEALED WITH ADSEL OR TEKNA 50729 SEALANTS.