O.W.W., LLC  
3001 Tuxedo Avenue  
West Palm Beach, Fl. 33405

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 “1000 Mahogany” Wood Clad Outswing Glazed Wood Doors, with or without Sidelites/ Transom – L.M.I.

APPROVAL DOCUMENT: Drawing No. 13–12018–D, titled “Series 1000 Wood & Wood Clad Mahogany Outswing Doors, Sidelite & Transom”, sheets 01 through 11 of 11, dated 12/18/13 with revision dated 11/07/14, prepared by manufacturer, signed and sealed by Steven M. Sinclair, P. E., bearing the Miami–Dade County Product Control Section Approval stamp with the Notice of Acceptance number and Approval date by the Miami–Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, city, state, 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.

ADVERTISEMET: 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 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 Jaime D. Gascon, P.E.
O.W.W., LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
   1. Manufacturer's die drawings and sections.

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 outswing doors with sidelites and transoms, prepared by Element Materials Technology, Inc., Test Reports No.'s ESP–013300P and ESP–013300P–1, dated 01/24/14, signed and sealed by Ramesh C. Patel, P. E.

   2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202–94
      2) Large Missile Impact Test per FBC, TAS 201–94.
      3) Cyclic Wind Pressure Loading per FBC, TAS 203–94
      4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202–94
      along with marked-up drawings and installation diagram of outswing doors with Sidelites and transoms, prepared by Element Materials Technology, Inc., Test Report No. ESP–013300P–2, dated 01/24/14, signed and sealed by Ramesh C. Patel, P. E.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC 2010 and FBC 5th Edition (2014), prepared by Sinclair Engineering Company, dated 02/12/14 with the latest revision dated 11/07/14, signed and sealed by Steven M. Sinclair, P. E.

   2. Glazing complies with ASTM E1300–04/09a

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


Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14–0507.01
Expiration Date: November 20, 2019
Approval Date: November 20, 2014

E – 1
O.W.W., LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 14–0423.17 issued to Eastman Chemical Company (MA) for their “Saflex Clear and Color Glass Interlayers” dated 06/19/14, expiring on 05/21/16.

F. STATEMENTS
   2. Statement letter of no financial interest and independence, issued by Sinclair Engineering Company, dated 02/12/14, signed and sealed by Steven M. Sinclair, P. E.

G. OTHERS
   1. None.

Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14–0507.01
Expiration Date: November 20, 2019
Approval Date: November 20, 2014
SERIES 1000
WOOD & WOOD CLAD MAHOGANY OUTSWING GLAZED DOORS, SIDELITE & TRANSOM
BY OWW LLC

DESIGN PRESSURE = + 60.0 PSF, - 60.0 PSF

THESE DOORS AND FIXED GLASS HAVE BEEN DESIGNED AND TESTED IN ACCORDANCE WITH FLORIDA BUILDING CODE.

DOORS AND FIXED GLASS ARE IMPACT RESISTANT.
HURRICANE SHUTTERS ARE NOT REQUIRED AT ANY INSTALLATION.

ALL OPENINGS (BY OTHERS) INCLUDING CONCRETE, CONCRETE BLOCK, STEEL AND ASSOCIATED BACKING MUST BE DESIGNED BY A LICENSED ARCHITECT OR PROFESSIONAL ENGINEER TO ACCEPT THE LOADS TRANSFERRED FROM THE DOOR OR FIXED GLASS SYSTEM.
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT, OR ENGINEER OF RECORD TO VERIFY THE STABILITY OF THE STRUCTURE.

THERE SHALL BE NO LIMIT TO THE NUMBER OF UNITS PER OPENING, PROVIDED THAT ALL RESTRICTIONS PER THESE DRAWINGS ARE MET AND THE OPENING IS PROPERLY DESIGNED TO ACCEPT AND TRANSFER THE LOADS IMPOSED BY THE DOORS OR FIXED GLASS. (SEE SAMPLE OF SOME CONFIGURATIONS - SHEET 11D)

ALL ANCHORS OR FASTENERS SHALL BE SIZED AND INSTALLED PER THESE DRAWINGS.
MATERIAL OF PRODUCT TESTED IS MAHOGANY, ANY WOOD OF EQUAL OR GREATER STRENGTH MAY BE SUBSTITUTED AT MANUFACTURER'S OPTION.

GLASS TYPES AND STRUCTURE

A 7/16" (Nom.) STORM GLASS
3/16" AN./0.075 INTERLAYER/3/16" AN SAFLEX CP
by EASTMAN CHEMICAL COMPANY

7/8" (Nom.) STORM INSULATING GLASS
1/8" F.T. INT. LITE/1/4" AIR SPACE
3/16" AN./0.075 INTERLAYER/3/16" AN EXT. LITE SAFLEX CP
by EASTMAN CHEMICAL COMPANY

9/16" (Nom.) STORM GLASS
1/4" AN./0.075 INTERLAYER/1/4" AN SAFLEX CLEAR
and COLOR GLASS INTERLAYERS by EASTMAN CHEMICAL COMPANY

TYPICAL ANCHOR SPACING

OPENING SUBSTRATE | MINIMUM FASTENER TYPE/SIZE | MINIMUM EMBEDMENT
--- | --- | ---
WOOD | #12 SS WOOD SCREW | 1 1/4"
BLOCK/CONCRETE | 1/4" ITW CONCRETE SCREW | 1 1/4"
STRUCTURAL STEEL | #14 TEK SCREW | FULL
STEEL CLIPS | #10 (WOOD)/ITW CONCRETE SCREW | 1 1/4"

NOTES:
SPECIFIED EMBEDMENT SHALL BE BEYOND WALL FINISH OR STUCCO STRUCTURAL STEEL TO BE 12 GA. MINIMUM CONCRETE SCREWS TO BE ITW TAPCON ALUMINUM (6061-T6) 1-1/2"x1/2"x1/8" ANGLE MAY BE USED AS ALTERNATIVE (SEE 100 OF 11)
TEST CONFIGURATION #3

TAS 201(LMI) / TAS 202(FULL) / TAS 203

DESIGN PRESSURE: +75/-75 PSF

HARDWARE AND WEATHERSTRIPPING PER UNIT:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Center of Active Rail Leaf</td>
<td>Schlage or Hoppe H37/9000 Multi-Point Lock</td>
</tr>
<tr>
<td>4</td>
<td>Door Jamb</td>
<td>4 1/2&quot; x 4 1/2&quot; Butt Hinges</td>
</tr>
<tr>
<td>2</td>
<td>Inactive Door Rail</td>
<td>Custom Flush Bolts or Hoppe H57/9000 Inactive</td>
</tr>
<tr>
<td>1</td>
<td>Located on rail</td>
<td>Perko model 1258 threadlock Modified</td>
</tr>
<tr>
<td>3ME.6</td>
<td>Used on all four edges of</td>
<td>Schlage O-Lon QES-650 cellular modified foam type</td>
</tr>
<tr>
<td></td>
<td>frame for a positive seal</td>
<td>seal (307) and non-shedding paint resistant fiber</td>
</tr>
<tr>
<td>4ME.6</td>
<td>Bottom edge of door</td>
<td>Schlage O-Lon QES-650-0 Kerk Pte Brush</td>
</tr>
<tr>
<td>24N.6</td>
<td>Top Rail &amp; Stiles of Doors</td>
<td>Schlage O-Lon QEZ-320 seal</td>
</tr>
</tbody>
</table>

OUTSWING DOOR UNIT

KENED APPLICATIONS
CELLULAR WOOD FOAM CORR
CLAID IN AN EMULSION VINYL
PAINT RESISTANT LINER WHICH IS
U.V. STABILIZED

Approved as complying with the
Florida Building Code

By

Stephen M. Sinclair, P.E.
Professional Engineer

License Number 35631

3030 North Federal Highway, Suite 210
Palm Beach Gardens, Florida 33410

305-443-7071

Stephen.Sinclair@Eng.Sgn.com

STATE OF FLORIDA

Exhibit No.
E-13-12018-0

Sheet No.
40 of 11
"GLASS TYPE SEE 1D OF 11"
OPTIONAL

Mahogany solid core can be laminated for white oak, red oak, old growth cypress, cherry, walnut, or any other hardwood with similar fiber bending characteristics.

Glue: National Casein Company Wood-Stik Powder Resin Glue

"Glass Type See 1D Of 12"

Materials: Wood Cladding Max Sizes of:
- Exterior Glass Stops All 7/8" x 1 3/16"
- Exterior Cladding 3/8" x 12"
- Interior Bottom All 1" x 2 1/4"
- Interior Cladding 3/8" x 12"
- Interior Top All 1" x 2 1/4" before Machining
- Exterior Stiles 3/8" x 6"  
- Interior Stiles 3/8" x 6"
**A. JAMB & HEAD DETAIL**

- S.S. 18 Gauge Nails 16" o.c.
- Tremco Spectrum 2 Sedant
- 2 1/4" S.S. 18 Gauge Nails 16" o.c.
- Optional Trim
- #10 X 2 1/2" Wood Screw
- S.S. 18 Gauge Nails 16" o.c.

**B. JAMB & JAMB MULLION DETAIL**

- S.S. 18 Gauge
- Q-ŁON QDS-650 Weather Stripping
- 2 1/4" 1 5/8" 1 5/8"

**C. BOTTOM RAIL DETAIL**

- S.S. 18 Gauge
- Q-ŁON QDS-650 Weather Stripping
- 5/16" 3/16" 3/16"

**D. STEEL MULLION INSERT DETAIL**

- 3/8" X 4 1/2" BOLTS, NUTS & FLAT WASHERS 1/2 O.C.
- S.S. 18 Gauge
- Q-ŁON GEZ-320 Weather Stripping

---

**Notes:**
- 2" X 5/8" A36 STEEL PLATE W/C-3/8" X 2-3/4" EMBED TITEN HD CENTERED ON WALL THICKNESS.
- 2" X 5/8" A36 STEEL PLATE W/C-3/8" X 2-3/4" EMBED TITEN HD CENTERED ON WALL THICKNESS.
- ZEKIS LAMINATED TO MAHOGANY WITH NP-1 BY SONEBORN TO MAKE A CONTINUOUS BARIER TO THE FLOOR ELEMENT. THIS IS PART OF THE THRESHOLD CONSTRUCTION.

---

**Exhibit No.**

- N0 7 2014
- STEPHEN M. SINCLAIR, P.E.
- PROFESSIONAL ENGINEER LICENSE NUMBER: 35631

---

**Drawn by:**

- [Signature]

**Approved by:**

- [Signature]

**Reviewed by:**

- [Signature]
A) JAMB & HEAD DETAIL
FULL SCALE

1 5/8"

5 1/2"

2 15/16"

Q-LON QDS-650

LAMINATED JAMB FOR RADIUS CONFIGURATIONS
SPECIES: MAHOGANY OR MATCH SPECIES
LISTED ON SHEET 6D OF 11
GLUE: NATIONAL CASEIN COMPANY
WOOD-STIK POWDER RESIN GLUE

B) HEAD & SIDE SCREW COVERS
FULL SCALE / NON STRUCTURAL

C) SILL STOP
FULL SCALE

S.S. 18 Gauge
Nails 16" O.C.

1/2"

2 15/16"

Q-LON QDS-650

Sonborn NP1

Pemko 159B Modified

Approved as complying with the
Flinds Building Code
Date

D) SILL DETAIL
FULL SCALE

3/4"

7/8"

1/2"

5/8"

E) STILE & ASTRAGAL DETAILS
FULL SCALE

3/16"

3/16"

7/8"

5/8"

1 9/16"

35631

STEVEN M. SINCLAIR, P.E.
PROFESSIONAL ENGINEER
LICENSE NUMBER 35631

AZEK IS LAMINATED TO MAHOGANY WITH NP-1 BY SONNEBORNE
TO MAKE A CONTINUOUS BARRIER TO THE FLOOR ELEMENT
THIS IS PART OF THE THRESHOLD CONSTRUCTION

MAY 07, 2014

206.326.1107

35631

STATE OF
THE STATE OF
A Standard Baldwin Flush Bolt or Equal

B Strike Plate for Flush Bolt

D Strike Plate for Astragal or Multi-Point Lock at Jamb

C Detail for Optional Aluminium L Angle Attachment—Anchorage
(3) PER STAGGERED #10 SS X 2 1/2"

FRAME JOINT - TOP SHOWN

TENON @ STANDARD SASHES