NOTICE OF ACCEPTANCE (NOA)

Roatan Mahogany USA, Inc.
4004C Aurora Street
Coral Gables, FL 33146

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: Swietenia Series Outswing glazed Wood Doors-L.M.I.

APPROVAL DOCUMENT: Drawing No. 18-106 (former 15-255), titled “Swietenia Series Mahogany Swing-Out Door-glazed Door”, sheets 1 through 7 of 7, dated FEB 26, 2018, prepared by PPMF, Inc., signed and sealed by Pedro M. De Figueiredo, 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 sheet 5 for hardware. See primary locking notes 2 & 3 and additional secondary locking required during Hurricane events, per note 4.
2. Partial Raised Wood panel (glazing type GL-2 per sheets 2, 4 & 7) is limited to max. 25"W x 75-1/2"H.
3. Min 3ksi concrete required at head/sill installation.

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 NOA #15-0921.10 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. 18-0305.04
Expiration Date: August 08, 2019
Approval Date: May 03, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer's parts drawings and sections (submitted under files below)
   2. Drawing No. 15-255 (previous 12-132-R1), titled “Swietenia Series Mahogany Swing-Out Door-glazed Door”, sheets 1 through 7 of 7, dated AUG 26, 2015, prepared by EngCo Inc., signed and sealed by Pedro M. De Figueiredo, P.E.

B. TESTS (submitted under files #14-0722.10/#13-0814.04/#12-0713.06/# 07-0717.08)
   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, TAS 202-94

C. CALCULATIONS
   1. Anchor Calculations and structural analysis, complying with FBC2014(5th edition), prepared by EngCo Inc., dated 04/26/2016, signed and sealed by Pedro De Figueiredo, P.E.

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

E. MATERIAL CERTIFICATIONS

F. STATEMENTS
   3. Statement of lab compliance, as part of the test report

G. OTHER (Items #2 & #3 submitted under files #14-0722.10)
   1. This NOA revises #14-0722.10, expiring AUG 08, 2019.
   2. Copy of Bill of sales between Roatan Mahogany Millwork, Inc. (seller) and Roatan Mahogany USA, Inc. (buyer) dated 09/26/13, signed by respective official of the companies.
   3. Florida Department of state, listing of active status of Roatan Mahogany USA, Inc.

Ishaq I. Chanda
Product Control Examiner
NOA No. 18-0305.04
Expiration Date: August 08, 2019
Approval Date: May 03, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New Evidence submitted

A. DRAWINGS
   1. Drawing No. 18-106 (former 15-255), titled “Swietenia Series Mahogany Swing-Out Door-glazed Door”, sheets 1 through 7 of 7, dated FEB 26, 2018, prepared by PPMF, Inc., signed and sealed by Pedro M. De Figueiredo, P.E.
   Note: This revision consist of FBC updated note and DWG #.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.
   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. 16-0208.12 issued to Polymer Extrusion Laboratory, dba Glasslam for their “Glasslam Safety Plus II ® Glass Interlayer”, expiring on 08/07/18.

F. STATEMENTS

G. OTHER
   1. This NOA revises 15-0921.10, expiring 08/08/2019.
   2. Verification test required at renewal per RER e-mail dated APR 23, 2018.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0305.04
Expiration Date: August 08, 2019
Approval Date: May 03, 2018
GENERAL NOTES:
FLORIDA BUILDING CODE 2017 - 6TH EDITION - FHMAZ
LARGE & SMALL MISSILE IMPACT RATED

1. DEFINITION: This product is a swing-out mahogany door; designed, contracted and erected to enclose an area, providing protection from hurricane force winds within the allowable designed pressures and limitations stated in this approval.

2. CODE: This product has been tested and designed in accordance with the Florida Building Code, High Velocity Hurricane Zones (FHMAZ).

3. POSTING: A permanent legible decal shall be placed at a readily visible location stating the following:
* ROATAN MAHOGANY USA, INC. - MIAMI - FLORIDA
LARGE MISSILE IMPACT RESISTANT
SWIETENA SERIES - SWING-OUT DOOR
MIAMI-DADE COUNTY PRODUCT APPROVED

4. LOADING: Designed load calculated based on ASCE 7-10 and provided by a professional architect or engineer for each specific project. The calculated design pressure must not exceed the allowable pressures herein specified. The design pressures, as determined from ASCE 7-10, are to be multiple by 0.8.

5. MATERIAL: All wood material to be fabricated from kiln dried mahogany.

6. FASTENERS: Assembly screws and anchors shall be as specified in the current set of drawings. Installation and loads as per this approval.

7. USE: It shall be the responsibility of the contractor, architect or engineer of record to verify the following:
7.1 - The stability of the structure where the shutter is to be attached insuring proper anchorage.
7.2 - The site specific project criteria, such as but not limited to wind loads, local code requirements, designed pressures etc.
7.3 - That this approval is adequate to the specific project.

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DESIGNED PRESSURE RATING
F_{d} = \pm 75 \text{ PSF}

MAXIMUM FRAME SIZES:
FINISHED WIDTH: FW = 39 1/2"
FINISHED HEIGHT: FH = 123"

MAXIMUM CLADDING SIZES:
1/2" GLASSMAG SAFETY-PLUS II IMPACT GLASS
DLO: 25 3/4" X 103 1/2"
1/2" MAHOGANY 5/8" SOLID WOOD PANEL
DLO: 25 3/4" X 79 1/2"

LEGEND
FH - FINISHED HEIGHT
FW - FINISHED WIDTH
DLO - DOOR LIGHT OPENING
DPM - DOOR PANEL MOUNT
DPA - DOOR PANEL WIDTH

WOOD TYPE:
VERNACULAR NAME: TRUE MAHOGANY
SCIENTIFIC NAME: SWIETENA MACROPHYLLA G. KING
FAMILY: MUHLEIACEAE
MINIMUM SPECIFIC GRAVITY: 0.45

GLASS TYPE:
1/2" LAMINATED MADE OF TWO 3/16" ANNUAL LITES
PLUS GLASSMAG SAFETY-PLUS II INTERLAYER
(SEE DETAIL IN SHEET 7)

MIA-MI-DADE BCCO:

MANUFACTURER:
ROATAN MAHOGANY USA, INC. - STREET CORAL GABLES, FLORIDA

SCALD:
NA
DRAINING #:
02/26/18
SHEET:
1 OF 7
TYPICAL PAIR ELEVATIONS

TYPE 5
SPLIT PANEL CONFIGURATION

TYPE 6
ARCH CONFIGURATION

TYPE 7
SQUARE CONFIGURATION

DESIGNED PRESSURE RATING

P_{d}= 75 \text{ PSF}

MAXIMUM FRAME: S225
FINISHED WIDTH: FW = 75 \frac{1}{2}''
FINISHED HEIGHT: FH = 123''

MAXIMUM CLADDING SIZES:

\frac{1}{2}'' GLASS/AL SAFETY-PLUS II IMPACT GLASS
BY POLYMORPH EXTRUSION TECHNOLOGY INC
DLO: 20'' X 103 3/4''
1 \frac{1}{2}'' MAHOGANY SOLID WOOD PANEL
DLO: 20'' X 103 3/4''

MAHOGANY SWING-OUT DOOR
MIAMI-DADE BCCO:

02/26/16
DRAWING # 18-106
SHEET 2 OF 7
DOUBLE PLATE .082" THICK STEEL

(6) #14X1 1/4" WOOD SCREWS

108" STEEL KEEPER

(2) #14X1 1/4" WOOD SCREWS

* HARDWARE
1. 4 1/2" x 4 1/2" x 1/2" HANGER - 279 HINGES SPACED AS PER ELEVATIONS ABOVE AND CONNECTED WITH (6) #12X1 1/4" FH HMS. (SQUARE DOOR, 4 PER LEAF AND ARCH DOOR, 3 PER LEAF)
2. ARDIMPAX THREE POINT CREMONS ON ACTIVE LEAF FASTENED WITH (1/2) #10X 1 1/2" FH HMS.
3. NARROW PRODUCTS INC. FLUSH BOLTS 25G UL LISTED TOP AND BOTTOM OF INACTIVE LEAF.
4. SECONDARY LOCKS (ACTIVATE ONLY WHEN HURRICANE FORCE WINDS ARE EXPECTED) - NATIONAL 0.60 DIA THROW BOLT ANCHORED WITH (6) #1 X 1" 1/4" ON ACTIVE AND INACTIVE DOORS TOP AND BOTTOM RAILS.

*2 - ARDIMPAX THREE POINT CREMONES SAME DETAIL TOP AND BOTTOM

TOP & BOTTOM GUIDE

MIDDLE GUIDE

LOCK

(2) #10X1 1/2" - (2) #10X1 1/2" - (4) #10X1 1/2" WOOD SCREWS

3 1/4"