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: Series “Roatan Euro Profile” Outswing Wood Doors - L.M.I.

APPROVAL DOCUMENT: Drawing No. 18-015 DR, titled “Roatan Euro Profile Outswing Doors”, sheets 1 through 9 of 9, dated 01/12/18, prepared by PPMF Inc., signed and sealed by Pedro M. De Figueiredo, P.E., bearing the Miami-Dade County Product Control bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

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, model/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.

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 consists of this page 1, and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Sifang Zhao, P.E.

S.2.
07/19/2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's die drawings and sections.
2. Drawing No. 18-015 DR, titled “Roatan Euro Profile Outswing Doors”, sheets 1 through 9 of 9, dated 01/12/18, prepared by PPMF, Inc., signed and sealed by Pedro M. De Figueiredo, 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, TAS 202-94
   7) Drop Load Test, per FBC 1618.4.6
   along with marked-up drawings and installation diagram of an outswing wood casement window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-16-6910, dated 08/09/17, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017), prepared by PPMF, Inc., dated 02/04/18 with revised on 05/16/18, signed and sealed by Pedro M. De Figueiredo, P.E.
2. Glazing complies with ASTM E1300-09/12.

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 Technology, Inc. dba Glasslam for their “Glasslam Safety-Plus II Glass Interlayer” dated 06/16/16, expiring on 08/07/18.

F. STATEMENTS

G. OTHER
1. None.

Sifang Zhao, P.E.
Product Control Examiner
NOA No. 18-0206.06
Expiration Date: July 19, 2023
Approval Date: July 19, 2018
GENERAL NOTES:

1. DEFINITION: THIS PRODUCT IS AN OUTSWING MAHOGANY DOOR; DESIGNED, CONSTRUCTED AND ERECTED TO ENCLOUSE 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 2017 FLORIDA BUILDING CODE, HIGH VELOCITY HURRICANE ZONES (HVHZ).

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
ROATAN EURO PROFILE SERIES OUTSWING DOOR
MIAMI-DADE COUNTY PRODUCT APPROVED"

4. LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-10 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES HEREIN SPECIFIED. THE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-10, ARE TO BE MULTIPLIED BY 0.6.

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 DOOR IS TO BE ATTACHED INSURING PROPER ANCHORAGE.

7.3. THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.

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DESIGNED PRESSURE RATING

Pd = +70, -60 PSF

MAXIMUM FRAME SIZES:
SEE ELEVATIONS ON SHEETS 2, 3 AND 4

MAXIMUM CLADDING SIZES:
SEE ELEVATIONS ON SHEETS 2, 3 AND 4

LEGEND

FH - FRAME HEIGHT
FW - FRAME WIDTH
COW - CLEAR OPENING WIDTH
CON - CLEAR OPENING HEIGHT
DLOW - DAY LIGHT OPENING WIDTH
DLOW - DAY LIGHT OPENING HEIGHT
PNLH - SUB PANEL HEIGHT
PNPL - SUB PANEL WIDTH

WOOD TYPE:
VERNACULAR NAME: TRUE MAHOGANY OR SIMILAR
SCIENTIFIC NAME: SWIETENIA MACROPHYLLA G. KING
FAMILY: MELIACEAE
MINIMUM SPECIFIC GRAVITY: SG = 0.45

GLASS TYPE:
9/16" AND 1 1/2" LAMINATED IMPACT GLASS
SAFETY-PLUS II INTERLAYER AS PER CURRENT NOA
SEE SHEET 6 FOR MORE DETAILS

MIAMI-DADE BCCO:

Approved as complying with the Florida Building Code
Date: 27/1/2018
NOAR: 12-0565267
Mimoni Echevarria Product Control

By

REVISED: 1-15-15 DR
SHEET 1 OF 9

PRODUCT CATEGORIES: DESIGNING DOORS
PRODUCT LOCATION: MIAMI, FLORIDA
PRODUCT MATERIAL: WOOD, GLASS
PRODUCT USE: WIND, HURRICANE, QUALITY, BUILDING, RATED, OUTSWING, DOORS
MODEL A1 - TYPICAL ELEVATIONS AND ANCHORAGE LAY-OUT

FRAME # SLAB MAXIMUM SIZES:
FW x FH - 164 3/4" X 95 1/8"
FW SIDE LITE - 44 3/8"
FW OPERABLE - 75 1/2"
PNLW x PNLH - 42" X 96" FIXED
PNLW X PNLH = 36" X 96" ACTIVE
PNLW X PNLH = 36" X 96" INACTIVE
COW X COW = 71 1/2" X 93 7/8"

MAXIMUM GLAZING DLO:
FIXED PANELS:
1 1/16" IG GLAZING: 35 1/2" X 60 1/2"
5/16" GLAZING: 35 1/2" X 60 1/2"

OPERABLE PANELS:
1 1/16" IG GLAZING: 28 3/8" X 60 1/2"
5/16" GLAZING: 28 3/8" X 60 1/2"

LEGEND
FWT - FRAME TOTAL WIDTH
FW - FRAME HEIGHT
FW - FRAME WIDTH
COW - CLEAR OPENING WIDTH
COW - CLEAR OPENING HEIGHT
DLOW - DAY LIGHT OPENING WIDTH
DLOH - DAY LIGHT OPENING HEIGHT
PNLH - SLAB PANEL HEIGHT
PNLW - SLAB PANEL WIDTH

NO. 52609
STATE OF FLORIDA
PROFESSIONAL ENGINEER
JUL 1 2 2018
ROATAN EURO PROFILE
ROATAN INC.
5636 S HAVOC AVE STREET
CORAL GABLES FLORIDA
MIAMI-DADE BCCO:
Approved as complying with the
Florida Building Code
Date: 6/11/2018
NOVAT 18-03656.67
Miami Dade Project Control
Michael Ross
By: 
0/1/2/16
DRAWING #
18-015 DR
SHEET 2 OF 9
FRAME & SLAB MAXIMUM SIZES:
PHT X PHT = 1.54" X 86 1/2"
FW SIDE LITE= 44 5/8"
FW OPERABLE= 44 5/8"
PNLW X PNLH = 42" X 94" ACTIVE
COW X CDH = 40 3/8" X 94 1/4"

MAXIMUM GLAZING DLO:
1 1/14" IS GLAZING: 35 1/2" X 88 5/8"
5/16" GLAZING: 35 1/2" X 69 5/8"

LEGEND
FWT - FRAME TOTAL WIDTH, PHT - FRAME HEIGHT, FW - FRAME WIDTH
COW - CLEAR OPENING WIDTH, CDH - CLEAR OPENING HEIGHT
DLOW - DAY LIGHT OPENING WIDTH, DLOWH - DAY LIGHT OPENING HEIGHT
PNLH - SLAB PANEL HEIGHT, PNLW - SLAB PANEL WIDTH
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**TYPICAL GLAZING OPTIONS**

**A- 9/16" HS LAMINATED**

- LARGE MISSILE IMPACT GLASS
- INTERIOR GLAZED

**A1- 9/16" HS LAMINATED**

- LARGE MISSILE IMPACT GLASS
- EXTERIOR GLAZED

**B- 1 1/16" HS IG LAMINATED**

- LARGE MISSILE IMPACT GLASS
- EXTERIOR GLAZED

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**MIA-MI-DADE BCCO:**

Approved as complying with the Florida Building Code. [Code: 367.6] [18.015 DR]

**By:** Miami-Dade Building Control
HARDWARE:

H1. ONE SURFACE MOUNT HOPPE METALLIC 5 POINT LOCK SYSTEM WITH ACTIVATING LEVER TYPE HANDLE ON THE INTERIOR AND EXTERIOR WITH KEY OPERATOR ON THE EXTERIOR AND THUMB TURN ON THE INTERIOR WITH CONCEALED RODS. LOCATED 34 1/2" FROM BOTTOM ACTIVE PANEL.

H2. ONE SURFACE MOUNT METALLIC 2 POINT LOCK SYSTEM WITH LEVER TYPE HANDLE ON THE INTERIOR AND EXTERIOR WITH THUMB TURN ON THE INTERIOR WITH CONCEALED RODS. LOCATED 35" FROM BOTTOM OF THE INACTIVE PANEL.

H3. ONE SURFACE MOUNT METALLIC STRIKE PLATE LOCATED 35 1/2" FROM BOTTOM OF THE INACTIVE PANEL.

H4. TWO SURFACE MOUNT METALLIC STRIKE KEEPERS LOCATED 1 3/4" AND 7 1/4" FROM BOTTOM OF THE INACTIVE PANEL.

H5. FLUSH MOUNT METALLIC CONCEALED MANUALLY OPERATED FLUSH BOLTS AT EACH END OF THE INACTIVE PANEL SECURED WITH (2) #10X2" PH SWS.

H6. ONE SURFACE MOUNT METALLIC LEVER TYPE HANDLE ON THE INTERIOR OF THE INACTIVE PANEL.

H7. 1/2" FLUSH MOUNT METALLIC BUTT HINGES SECURED TO FRAME AND PANELS WITH (4) #12X1 CH WOOD SCREWS.

H8. FLUSH MOUNT METALLIC BUTT HINGES SECURED TO FRAME AND PANELS WITH (4) #12X1 1/4" PH WOOD SCREWS.

H9. INVISIBLE METALLIC SS OS SOSS HINGE SECURED TO JAMBS AND PANELS WITH (8) #12X1 1/4" PH WOOD SCREWS.

H10. SURFACE MOUNT METALLIC KEEPERS MOUNTED TO FRAME HEADER AND/OR THRESHOLD WITH (2) #10 X 1 1/2" CH SWS.

WEATHER STRIPPING:

- 05- AP-412 BUBBLE STRIP
- 11- AP-422 BUBBLE STRIP
- 42-GOOD 730 WEATHERSTRIP
- 4- WEATHER STRIP