Montecarlo Doors, Inc.
4440 PGA Blvd, Suite #600
Palm Beach Garden, FL 33410

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: “Montecarlo” Series Outswing glazed Wood Doors-L.M.I.

APPROVAL DOCUMENT: Drawing No. H582-0907-11G, titled “Mahogany Outswing Entrance Doors (L.M.I.)”, sheets 1 through 10 of 10, dated 10/12/2011 and last revised on MAR 05, 2018, prepared by Wolters Engineering Inc., signed and sealed by Scott Wolters, 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 in sheet 1. Door may be horizontally or vertically mulled (See sheets 3 & 8 for mullion clip and anchors) to Montecarlo’s Transom or Sidelites (under separate approvals to be reviewed by AHJ). When door is mullled, lower design pressure of door or Transom or door or Sidelites may control for entire assembly.
2. The Max allowable DLO (day Light Opening) is 37-1/2”x 104-1/4”. The max Partial raised Panel is 37.5”Wx35”H.
3. All anchors at door headers and jambs are in double rows. See Meeting Stiles anchor clusters in sheets 3 & 10.

LABELING: Each unit shall bear a permanent label with the manufacturer name or logo, Medelin, Colombia 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 & renews #12-0509.02 consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No. 17-0210.02
Expiration Date: April 04, 2023
Approval Date: May 24, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer’s parts drawings and sections
      sheets 1 through 10 of 10, dated APR 04, 2013, prepared by Wolters Engineering Inc.,
      signed and sealed by Scott Wolters, P. E.

B. TESTS (submitted under file #12-0509.02)
   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) 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
   along with marked-up drawings and installation diagram of outswing wood glass door w/ Transom
   and Outswing wood doors w/sidelites, Half Round and Arch shapes double opaque/glazed doors &
   shaped glazed wood transoms, prepared by Hurricane Testing Lab, L.L.C, Test Report No. HTL-
   0582-0402-11, dated 10/31/11 and revised on 11/19/12, signed and sealed by Vinu J. Abraham, P.
   E. (Hurricane Testing Lab, now has been acquired by Architectural Testing)
   Note: This test report has been revised by an addendum letter dated Jan 31, 2013, issued by
   Architectural Testing, signed and sealed by Vinu J. Abraham, P. E.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared
      by Wolters Engineering Inc., dated May 04, 2012 and last revised on DEC 07, 2012, signed
      and sealed by Scott Wolters, P. E.
   2. Glazing complies w/ ASTM-1300-02 & -04

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their
      “DuPont Sentry Glass ®”, expiring on 01/14/17.
   2. Notice of Acceptance No. 08-0709.04 issued to Nebula Glass Int’l. dba Glasslam for their

F. STATEMENTS
      by Wolters Engineering Inc., signed and sealed by Scott Wolters, P. E.
   2. Lab compliance as part of the above referenced test report, including letter dated August 24,
      2011, issued by Hurricane Testing Lab.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0210.02
Expiration Date: April 04, 2023
Approval Date: May 24, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER
1. Test proposal, dated Sep 23, 2010 approved by BCCO.
2. Distribution agreement dated April 11, 2012 between Maderas De Occidente, Colombia (manufacturer) and Montecarlo Doors, Inc, USA (distributor), signed by Ms. Adriana Maria Velez Posad and Juan D. Gomez, respectively on behalf of their companies.

2. New Evidence submitted

A. DRAWINGS
   Note: This revision consist of updated glazing interlayer manufacturer.

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. 17-0808.02 issued to Kuraray America, Inc. (Former E.I. DuPont DE Nemours & Co., Inc. for the “Sentry Glass ® (Clear and White) Glass Interlayers”, expiring on 07/04/23.
2. 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 & renews #12-0509.02, expiring 04/04/2023.
2. Distribution agreement dated April 23, 2018 between MCD Design SAS, Colombia (manufacturer) and Montecarlo Doors, Inc, USA (distributor), signed by Mr. Pablo Madrid and Juan D. Gomez, respectively on behalf of their companies.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0210.02
Expiration Date: April 04, 2023
Approval Date: May 24, 2018
ELEVATION 1: DOUBLE DOORS
(WITH OR WITHOUT SIDELITES)
NOTE: MAX. SIZES AND ANCHOR AND HINGE SPACING SHOWN ABOVE TYPICAL TO ALL DOUBLE DOORS.
ELEVATION: DOUBLE DOORS WITH EYEBROW TOP
(MAX. SIZES AND SPACINGS SHOWN TYP. FOR SINGLE OR DOUBLE LEAF EYEBROW TOP DOOR)
ELEVATION: SINGLE DOOR

Note: Max. sizes and anchor and hinge spacing shown above typical to all single doors with or without direct set sidelites or transoms (See sheet 1)

ELEVATION: SINGLE DOOR WITH ARCH TOP

Note: Egress doors must meet FBC requirements to be reviewed by Bldg. Official
NOTE: ALL COMPOSITE PARTS ARE CONSTRUCTED WITH TITEBOND II FRANKLIN INTERNATIONAL WOOD GLUE

WOOD PROPERTIES

Mahogany

Min. E = 10 x 10^6 psi
Min. Fy = 15,200 psi
Min. SG = 0.56

Plywood

Min. E = 11 x 10^6 psi
Min. Fy = 5,700 psi
Min. SG = 0.53

10B. MEETING RAIL/INT. STILE

(COMPÔSITE MAHOGANY)

10F. TOP RAIL

(COMPÔSITE MAHOGANY)

PRODUCT REVIEW

as complying with the Florida Building Code

Acceptance No. 11-0256-02

Expiration Date 11-11-11

1/2" GLASS STOP (STEEL)

14B. REINFORCING PLATE

SECTIONAL VIEW OF PARTIAL OUTER SHELL 1 CONSTRUCTION

5/16" CDX PLYWOOD

1/2" GLASS STOP

13B. FLEX WEATHERSTRIPPING
NOTE: ALL COMPOSITE PARTS ARE CONSTRUCTED WITH TITEBOND II FRANKLIN INTERNATIONAL WOOD GLUE

1A. HEAD FOR ARCH TIP AND EYEBROW

14A. TYPICAL TIP/BOTTOM DOOR GUIDE REINFORCING 2 PER DOOR LEAF, 1 @ TOP, 1 @ BOTTOM

12B. EXTERIOR ASTRAGAL

WOOD PROPERTIES

MAHOGANY
Min. E = 1,900,000 psi
Min. Fy = 15,500 psi
Min. S.S. = 0.56

Plywood
Min. E = 1,320,000 psi
Min. Fy = 5,700 psi
Min. S.S. = 0.53

12A. ASTRAGAL

10. TYPICAL BOTTOM RAIL
(COMPPOSITE MAHOGANY)

7. ALUMINUM THRESHOLD
(6063-T5)
**TYPICAL ANCHORS**

**WOOD**
- **TYPE A**
  - 4 x 2 x 3/4" PHENIX
  - 2-1/2" EMERGMENT AND 7/8" EDGE DISTANCE
- **TYPE B**
  - 4 x 2 x 3/4" PHENIX
  - 2-1/2" EMERGMENT AND 1" EDGE DISTANCE

**CONCRETE**
- **TYPE C**
  - 1-1/2" DIA. FH TYPICALLY 32" APART, CENTER TO CENTER, DIRECTLY INTO CONCRETE OR TYPICALLY EMBEDDED 2-1/2" INTO CONCRETE, WITH 3-1/2" MIN. EMERGMENT AND 6-1/2" MIN. EDGE DISTANCE
- **CMU**
  - **TYPE C**
  - 1-1/2" DIA. FH TYPICALLY 32" APART, CENTER TO CENTER, DIRECTLY INTO CONCRETE OR TYPICALLY EMBEDDED 2-1/2" INTO CONCRETE, WITH 3-1/2" MIN. EMERGMENT AND 6-1/2" MIN. EDGE DISTANCE

**STEEL**
- **TYPE D**
  - 1-1/2" DIA. FH F-1 TYPE (GR. 32 TIMBER FISHING SCREW)
  - WITH FULL EMERGMENT AND 1 1/2" MIN. EDGE DISTANCE
- **TYPE E**
  - 1-1/2" DIA. FH SHEET METAL SCREW
  - WITH FULL EMERGMENT AND 1 1/2" MIN. EDGE DISTANCE

**ALUMINUM MULLION**
- **TYPE F**
  - 1-1/4" DIA. FH (GR. 70 TIMBER FISHING SCREW)
  - WITH FULL EMERGMENT AND 1 1/2" MIN. EDGE DISTANCE

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**TYPICAL ANCHOR CONDITIONS**

- **DOOR JAMBS & ANCHORS**
  - In Double Row
  - See Details Below

- **Double Row Anchor Type**
  - B.C.A. or C.O.
  - At Max. OC. of 32" at Curved Edges of OC. Max at Exterior Jamb

- **Door Jamb Anchor Details**
  - In Double Row
  - See Details Below

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**PRODUCT RECOMMENDATIONS**

[Brand Name]

[Manufacturer]

[Model Number]

[Application]

[Code Compliance]

[Acceptance Number]

[Specification Number]

[Manufacturer's Website]

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**Mabogony Outswing Entrance Doors**

[Door Type]

[Manufacturer's Name]

[Contact Information]

[Website]

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**Scale**

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