NOTICE OF ACCEPTANCE (NOA)

Historical Arts & Casting, Inc.
5580 West Bagley Park Road
West Jordan, UT 84081–5697

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 “Palmetto” Bronze Outswing French Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. NONE, titled “Palmetto Series Bronze Doors”, sheets 01 through 15 of 15, dated 02/14/14 with the latest revision, prepared by manufacturer, dated 06/04/14, signed and sealed by Scott Wolters, 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.

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 and E–2, as well as approval document mentioned above.
The submitted documentation was reviewed by Jaime D. Gascon, P. E.
NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

A.  DRAWINGS
1.  Manufacturer's die drawings and sections.
2.  Drawing No. NONE, titled "Palmetto Series Bronze Doors", sheets 01 through 15 of 15, dated 02/14/14 with the latest revision, prepared by manufacture, dated 06/04/14, signed and sealed by Scott Wolters, 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 AAMA 1304–02 and per FBC 2411.3.2.1, and TAS 202–94

along with marked–up drawings and installation diagram of an outswing French doors, prepared by Architectural Testing, Inc., revised Test Report No. ATI–B3805.01–450–18R01, dated 03/28/14, signed and sealed by Vinu J. Abraham, 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) Large Missile Impact Test per FBC, TAS 201–94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203–94
   6) Forced Entry Test, per AAMA 1304–02 and per FBC 2411.3.2.1, and TAS 202–94

along with marked–up drawings and installation diagram of an outswing French doors, prepared by Architectural Testing, Inc., Test Report No. ATI–B3804.01–450–18, dated 11/15/12, signed and sealed by Vinu J. Abraham, P.E.

3.  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 AAMA 1304–02 and per FBC 2411.3.2.1, and TAS 202–94

along with marked–up drawings and installation diagram of an outswing French doors, Specimens No.'s 1, 2, 4, 5 and 7, prepared by Hurricane Test Laboratory, Inc., Test Reports No.'s HTL–0222–0521–001, dated 12/27/01, signed and sealed by Vinu J. Abraham, P.E.

Jaime D. Gascón, P.E.
Product Control Section Supervisor
NOA No. 13–1028.10
Expiration Date: July 17, 2019
Approval Date: July 17, 2014
Historical Arts & Casting, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), dated 02/21/14, prepared by Wolters Engineering, Inc., dated 04/21/14, signed and sealed by Scott Wolters, P. E.
2. Glazing complies with ASTM E-1300-04/09

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 12-1231.08 issued to Eastman Chemical Company (MA) for their "Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core" dated 03/28/13, expiring on 12/11/18.

F. STATEMENTS
2. Statement letter of no financial interest, issued by Wolters Engineering, Inc., dated 02/21/14, signed and sealed by Scott Wolters, P. E.
3. Laboratory compliance letter for revised Test Report No. ATI-B3805.01-450-18R01, issued by Architectural Testing, Inc., dated 03/28/14, signed and sealed by Vinu J. Abraham, P.E.
4. Laboratory compliance letter for Test Report No. ATI-B3804.01-450-18, issued by Architectural Testing, Inc., dated 11/15/12, signed and sealed by Vinu J. Abraham, P. E.
5. Laboratory compliance letter for Test Report No. HTL-0222-0521-001, issued by Hurricane Test Laboratory, L.I.C., dated 12/27/01, signed and sealed by Vinu J. Abraham, P.E.
6. Department of State Certification of HURRICANE MANUFACTURING CORPORATION, INC. as a for profit corporation, active and organized under the laws of the State of Florida, dated 12/09/11 and signed by Kurt S. Browning, Secretary of State.

G. OTHERS
1. None.

Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 13–1028.10
Expiration Date: July 17, 2019
Approval Date: July 17, 2014

E – 2
**GENERAL NOTES:**
1. This approval applies to Palmetto Series impact resistant doors when constructed and installed as described herein.
2. Approved configurations are shown below.
3. Allowable design pressures: +/−70 PSF
4. These doors have been designed and tested to TAS 201, 202, and 203 protocols in accordance with the requirements of the Florida Building Code 5th Edition (2014), including the high velocity hurricane zone provisions.
5. These doors are large and small missile impact rated, shutters are not required.
6. Wood or masonry openings, bucks, and buck fasteners, by others, shall be properly designed and installed to transfer loads to the structure.
7. Anchor type, size, spacing, and embedment shall be as indicated in this approval. Anchor embedment to substrate shall be beyond wall dressing or stucco.
8. All fasteners penetrating into pressure treated wood shall be capable of preventing corrosion due to reaction with pressure treatment chemicals.
9. Dissimilar materials that come into contact shall be protected to prevent reactions in accordance with FBC and ADM−1−2010 Section M.7.
10. Wind load allowable stress increases were not used in this approval. A wind load duration factor Cd = 1.6 was used for the analysis of wood screws.
11. Doors shall be glazed in accordance with detail A and B on this sheet and the table below.

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**DRAWING INDEX**

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</table>

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**GLASS CONFIGURATIONS**

<table>
<thead>
<tr>
<th>GLASS TYPE</th>
<th>GLASS THICKNESS</th>
<th>LAYERS</th>
<th>PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAF−GLAS</td>
<td>9/16”</td>
<td>1. 3/16” HEAT STRENGTHENED GLASS</td>
<td>+70/−70 PSF</td>
</tr>
<tr>
<td>(GLASS TYPE A)</td>
<td></td>
<td>2. 0.05” URETHANE ADHESIVE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. 0.125” POLYCARBONATE BY SAF−GLAS</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>4. 0.05” URETHANE ADHESIVE</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5. 3/16” HEAT STRENGTHENED GLASS</td>
<td></td>
</tr>
<tr>
<td>SAFLEX CP</td>
<td>9/16”</td>
<td>1. 1/4” HEAT STRENGTHENED GLASS</td>
<td>+70/−70 PSF</td>
</tr>
<tr>
<td>(GLASS TYPE B)</td>
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<td>2. 0.075 SAFLEX CP INTERLAYER</td>
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<tr>
<td></td>
<td></td>
<td>3. 1/4” HEAT STRENGTHENED GLASS</td>
<td></td>
</tr>
</tbody>
</table>
# BILL OF MATERIALS

### PART 1: ENTRANCES

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Material</th>
<th>Manufacturer</th>
<th>Qty/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.001.001</td>
<td>Glass Door</td>
<td>Palmetto Series</td>
<td>1/3 of 10</td>
</tr>
<tr>
<td>1.001.002</td>
<td>Glass Panel</td>
<td>Palmetto Series</td>
<td>1/3 of 10</td>
</tr>
<tr>
<td>1.001.003</td>
<td>Bronze Frame</td>
<td>Palmetto Series</td>
<td>1/3 of 10</td>
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</tbody>
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### PART 2: SECURITY

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<tbody>
<tr>
<td>2.001.001</td>
<td>Security Screen</td>
<td>Palmetto Series</td>
<td>2/3 of 10</td>
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<tr>
<td>2.001.002</td>
<td>Security Lock</td>
<td>Palmetto Series</td>
<td>2/3 of 10</td>
</tr>
<tr>
<td>2.001.003</td>
<td>Security Bar</td>
<td>Palmetto Series</td>
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</tbody>
</table>

### PART 3: HARDWARE

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Material</th>
<th>Manufacturer</th>
<th>Qty/Unit</th>
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<tbody>
<tr>
<td>3.001.001</td>
<td>Door Hinge</td>
<td>Palmetto Series</td>
<td>1/3 of 10</td>
</tr>
<tr>
<td>3.001.002</td>
<td>Door Stop</td>
<td>Palmetto Series</td>
<td>1/3 of 10</td>
</tr>
<tr>
<td>3.001.003</td>
<td>Door Handle</td>
<td>Palmetto Series</td>
<td>1/3 of 10</td>
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</tbody>
</table>

### PART 4: ACCESSORIES

<table>
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<th>Part No.</th>
<th>Material</th>
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<tbody>
<tr>
<td>4.001.001</td>
<td>Door Mat</td>
<td>Palmetto Series</td>
<td>1/3 of 10</td>
</tr>
<tr>
<td>4.001.002</td>
<td>Door Bell</td>
<td>Palmetto Series</td>
<td>1/3 of 10</td>
</tr>
<tr>
<td>4.001.003</td>
<td>Door Chime</td>
<td>Palmetto Series</td>
<td>1/3 of 10</td>
</tr>
</tbody>
</table>

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Approved as complying with the Florida Building Code by:

Scott Wolters
FLPE# 62354
Wolters Engineering, Inc.
(Conf. 27194)
1725 SW 25th Avenue
FT. LAUDERDALE, FL 33312

2/14/14
MOUNTING OPTIONS

1. MOUNT TO STEEL FRAME
   - Structural steel tube
   - 1/4" min. thickness
   - 1/4" min. embed
   - 3/8" FH self-tapping screw (Gr. 5 min)

2. MOUNT TO BLOCK/CONCRETE/CMU
   - Shim 5/16" max
   - 1/4" FH HLC sleeve anchor
   - Fy = 72,519 PSI min
   - 1 1/4" min. embed

3. MOUNT TO WOOD
   - Structural grade 2 southern pine
   - 2X as req. for frame attachment
   - #14 brass FH wood screw
   - Fy = 31,900 PSI min
   - 1" min. edge distance

4. MOUNT TO BLOCK/CONCRETE/CMU THRU WOOD BLOCKING
   - 1 1/4" min. embed
   - Shim 5/16" max
   - 1/4" FH HLC sleeve anchor
   - Fy = 94,590 PSI min
   - 1 1/4" min. embed

5. MOUNT TO METAL STUD
   - Shim 5/16" max
   - 1/4" FH SS self-tapping screw (Gr. 5 min)
   - 1/4" min. embed
   - 3/4" min. embed

Listed in no particular order. Sealant by others. For anchor spacing — see elevations sheet 2 of 15.
DW.2009.WLS-03

**LETTER**  | **PART**
---|---
A | DOG PIN
B | DOG PIN
C | #10 FHM/B
data
D | SLIDE BLOCK
E | ACTIVE WING BAR
F | GU LOCK 5678107 90041
H | LS9000 MP GEAR
M/45/25/09
(SEE SHEET B017 FOR
LOCK BOX DETAILS)
G | 3/16" X 3/8"-B/32
ROLLED SHOULDER SCREW
H | ACTIVE WING COVER PLATE
I | ROD #1
J | ROD #2
K | ROD #3
L | #8 FHM/B
M | INACTIVE WING COVER PLATE #1
N | INACTIVE WING COVER PLATE #2
O | INACTIVE WING COVER PLATE #3
P | INACTIVE WING COVER PLATE #4
Q | RECEIVER
R | FLUSH BOLT
S | INACTIVE WING BAR
T | INACTIVE WING ROD
U | ROD CONNECTOR #1
V | ROD CONNECTOR #2
W | CAM

**ACTIVE SIDE**

**INACTIVE SIDE**

1 **EXPLODED 5" HINGE**

2 **DW.2009.WLS-03 HACI MULTI-POINT MORTISE GEAR LOCK**
<table>
<thead>
<tr>
<th>LETTER</th>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>#10 FHMS</td>
<td>3/16&quot; X 3/8&quot;-8/32&quot; ROLLER SHOULDER SCREW</td>
</tr>
<tr>
<td>B</td>
<td>ROLLER</td>
<td>1-1/2&quot; X 17/8&quot;</td>
</tr>
<tr>
<td>C</td>
<td>TOP GUIDE</td>
<td>1-1/15/16&quot;</td>
</tr>
<tr>
<td>D</td>
<td>LEVER</td>
<td>1-2 3/4&quot;</td>
</tr>
<tr>
<td>E</td>
<td>WINDOW LEVER HOUSING</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>WASHER</td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>LEVER LINKAGE</td>
<td></td>
</tr>
<tr>
<td>H</td>
<td>GUIDE</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>ROD</td>
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<td>J</td>
<td>ROLLER DOCK</td>
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<td>K</td>
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<tr>
<td>L</td>
<td>#10 FHMS</td>
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<tr>
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<td>WASHER</td>
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</tr>
<tr>
<td>N</td>
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</tr>
<tr>
<td>O</td>
<td>BOLT</td>
<td></td>
</tr>
<tr>
<td>P</td>
<td>FINGER PULL</td>
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</tr>
</tbody>
</table>

**Exploded Side Elevation**

1. DW.2009.WLS-04 HACI MULTI-POINT ROLLER LATCH WITH LEVER
2. LOWER, PN CS88BA.7B FLUSH BOLT
3. UPPER, PN CS88BA.7C FLUSH BOLT
DW.2009.WLS-05

A: RECEIVER COVER
B: #10 FHMS
C: UPPER COVER
D: LOCK COVER
E: FINGER PULL
F: GEAR TRAVEL
G: DOG
H: ROD #1
I: ROD #2
J: BOTTOM COVER
K: SLIDE BLOCK
L: 3/16" X 3/8"-8/32" SHOULDER SCREW
M: DOOR LEAF INSERT
N: ROD #3
O: ROD #4
P: DOG PIN
Q: #8 FHMS
R: ACTUATOR BRACKET BOTTOM
S: CAM GEAR
T: ACTUATOR BRACKET TOP
U: HANDLE MOUNTING BLOCK
V: HANDLE
W: ROD #5
X: DOOR LEAF INSERT

EXPLODED

DW.2009.WLS-05 HACI MULTI-POINT LEVER LOCK
DW.2009.WLS-06 HACI MULTI-POINT LOCK

1. MORTISE LOCK ASSEMBLY

- Reverse Shoot Bolt, W/ 2 10/24 F.H.M.S. ea.
- 2 1/2"X3/16"X1/8" Thk. Brass Channel, Attach W/ 10/24 x 1/2 F.H.M.S. Ø 10" O.C.
- Mortise Lock, Attach W/ 1 1/4 20 F.H.M.S.
- Mortise Lock Escutcheon, Attach W/ 2 1/4 20 F.H.M.S.
- Latch Bolt, Ø 0.401" Brass Bar.
- 1/8" Thk. Strike Plate, Attach W/ 2 1/4 20 F.H.M.S.

2. Latch Brackets Req.
Attach W/ 2) EA. 10/24x1/2 F.H.M.S.

Approved as complying with the
Building Code.

Date: 1/2/14

Approved for use by

Scott Wolters
Scott Wolters
Florida License No. 62354
1725 SW 25th Avenue
FT. LAUDERDALE, FL 33312

Notes:

12 of 15
1) DOOR HEAD (EXTERIOR VIEW)

EXTRUSIONS JOINTS

MOLDING OPTIONS (FOR ALL UNITS)

1) FLAT MOLDING
2) FLUSH MOLDING
3) STANDARD BRICK MOLDING
4) APPLIED BRICK MOLDING

LISTED IN NO PARTICULAR ORDER. SEALANT APPLIED BY OTHERS.