NOTICE OF ACCEPTANCE (NOA)

RC Home Showcase, Inc.
2970 NW 75th Avenue
Miami, FL 33122

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 “RD45” Single Outswing Aluminum Entrance Door

APPROVAL DOCUMENT: Drawing No. W11-11, titled “Series RD45 Alum Entrance Door (L.M.I.)”, sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 03/02/11 and last revised on MAR 05, 2018, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Renewal 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 charts in sheet 1 for number of Hinges and Locking points required per door sizes.
2. Max. 7/16" load bearing shim, except ¼" max into steel substrate.
3. Max O.C. anchors spacing at head/sill, not to exceed 20".

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 renews NOA # 18-0418.07 and consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

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

NOA No. 19-0312.03
Expiration Date: August 19, 2024
Approval Date: April 18, 2019
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer’s die drawings and sections (submitted under files below)
   2. Drawing No. W11-11, titled “Series RD45 Alum Entrance Door (L.M.I.),” sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 03/02/11 and last revised on July 07, 2011, 2011, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under files #15-1007.03 (RC Home), #13-1112.07, # 12-0410.07(RC Alum)
   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 diagrams of single aluminum outswing doors, Fenestration Testing Laboratory, Inc., Test Report No. FTL-6381, dated 12/17/10, witnessed by Jorge A. Causo, P.E., signed and sealed dated 02/14/11 by reviewing engineer Marlin D. Brinson, P.E.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC-2014, prepared by Al-Farooq Corporation, dated 09/25/15, signed and sealed by Javad Ahmad, P.E.
   2. Glazing complies w/ ASTM E-1300-04&-09.

D. QUALITY ASSURANCE
   1. Miami Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their “SentryGlas® (Clear and White) Interlayer”, expiring on 07/04/18.

F. STATEMENTS
   1. Statement letter of conformance, complying with FBC-2014, issued by Al-Farooq Corporation, dated 09/21/15, signed and sealed by Javad Ahmad, P.E.
   2. Asset purchase agreement dated 10/01/13, between Manuhen Enterprises, LLC (“MANUHEN”) Buyer, RC Home Showcase Inc. (“RC HOME”), Seller and RC Aluminum, Industries, Inc.(RC ALUMINUM”) Seller, signed on behalf of the respectively companies by Mr. Manuel A. Kronfle (MANUHEN) Mr. Henry F. Kronfle ((MANUHEN), Mr. Raul Casares (RC ALUMINUM/ RC HOME), Mr. Eusebio Paredes and Ms. Nancy Vias (RC HOME) (Submitted under previous NOA No. 13-1112.07)
   3. Statement letter dated OCT 30, 2013 issued by RC Aluminum Industries, Inc, requesting Name change, by way of sales of Assets of ownership NOA(s) transferred to RC Home Showcase, Signed by Raul Casares, President RC Aluminum Industries, Inc. (Submitted under previous NOA No. 13-1112.07)

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0312.03
Expiration Date: August 19, 2024
Approval Date: April 18, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue):
4. Department of State Certification of MANUHEN ENTERPRISES, LLC as a limited liability company, active and organized under the laws of the State of Florida, dated 08/22/13 and signed by N. Culligan, the Secretary of State
5. Department of State Certification of RC HOME SHOWCASE, INC. as a for profit corporation, active and organized under the laws of the State of Florida, dated 10/11/13 and signed by T. Carter, the Secretary of State.
6. Statement of Lab compliance, as part of above test reports.

G. OTHER
1. This NOA revises NOA # 15-1007.03, expiring 08/19/2019.

2. Evidence submitted under previous approval.

A. DRAWINGS
1. Drawing No. W11-11, titled “Series RD45 Alum Entrance Door (L.M.I.)”, sheets 1 through 5 of 5, prepared by AL-Faroq Corporation, dated 03/02/11 and last revised on MAR 05, 2018, signed and sealed by Javad Ahmad, P.E.

B. TESTS
1. None.

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC 2017 (6th Edition), prepared by Al–Farooq Corporation, dated 03/05/18, signed and sealed by Javad Ahmad, P. E.

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their “SentryGlas® (Clear and White) Interlayer”, expiring on 07/04/18.

F. STATEMENTS
1. Statement letter of conformance to FBC 6th Edition (2017) and of no financial interest, prepared by Al Farooq Corporation, dated 03/05/18, signed and sealed by Javad Ahmad, P.E.

G. OTHER
1. This NOA revises NOA # 15-1007.03, expiring 08/19/2019.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0312.03
Expiration Date: August 19, 2024
Approval Date: April 18, 2019
RC Home Showcase, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED


A. DRAWINGS
   1. Drawing No. W11-11, titled “Series RD45 Alum Entrance Door (L.M.I.)”, sheets 1 through 5 of 5, prepared by AL-Farooq Corporation, dated 03/02/11 and last revised on MAR 05, 2018, signed and sealed by Javad Ahmad, P.E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
   2. Statement letter of conformance to FBC 6th Edition (2017) and of no financial interest, prepared by Al Farooq Corporation, dated 03/05/18, signed and sealed by Javad Ahmad, P.E. (submitted under file # 19-0312.03)

G. OTHER
   1. This NOA renews NOA # 18-0418.07, expiring 08/19/2024.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0312.03
Expiration Date: August 19, 2024
Approval Date: April 18, 2019
SERIES RD45
ALUMINUM OUTSWING ENTRANCE DOOR

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE (MULLED) COMBINATIONS OF FRENCH DOOR/FRENCH DOOR OR FRENCH DOOR WITH OTHER APPROVED DOOR TYPES IN MODULES OF TWO OR MORE DOORS USING MIAMI-DADE COUNTY APPROVED MILLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM DOORS OR MILLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1 lby OR 2 lby WOOD BOLTS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOODY ONLY. ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DECORATIVE MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE AND ADAPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE, ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

MAXIMUM DESIGN LOAD RATING = + 125.0 PSF
AS ALLOWED BY BFC

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. FBC-2018-07
Expiration Date AUG 05, 2019

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (5 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

LEAF WIDTH = FRAME WIDTH = 3.625" LEAF HEIGHT = FRAME HEIGHT = 2.8125"

TYPICAL ELEVATION

W11-11 (sheet 1 of 5)
WOOD BUCKS AND METAL STRUCTURES NOT BY RC HOME SHOWCASE MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

1/4" X 2-3/4" Kwik-Conn II by "Hilti" (Fv=136 KSI, Fy=137 KSI)

INTO 28 Y BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 18 BUCKS INTO CONC. OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1-3/4" MIN. EMBED INTO GROUT-FILLED BLOCKS (JAMBS)

1/4" DIA. Teks OR SELF-DRILLING SCREWS (GRADE 5 ORS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS

OR INTO METAL STRUCTURES (HEAD/JAMBS)

(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**CRITICAL EDGE DISTANCE**

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS Fc = 5000 PSI MIN.

0-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**SEALANTS:**

ALL FRAME AND PANEL JOINT, INSTALLATION SCREWS AND HEADS OF ANCHOR SCREWS AT SILL TO BE SEALED WITH WHITE/ALUMINUM COLORED SILICONE.

**WEEPHOLES:**

W1 = 1/2" DIA. HOLES AT 4" FROM ENDS AND AT MIDSANP.
<table>
<thead>
<tr>
<th>ITEM #</th>
<th>NUMBER</th>
<th>REQD.</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>MANUF./SUPPLIER/REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1</td>
<td>RD45-023</td>
<td>1</td>
<td>FRAME HEAD</td>
<td>6005-T5</td>
<td></td>
</tr>
<tr>
<td>E2</td>
<td>RD45-024</td>
<td>1</td>
<td>FRAME SILL</td>
<td>6063-T6</td>
<td></td>
</tr>
<tr>
<td>E3</td>
<td>RD45-022</td>
<td>2</td>
<td>FRAME JAMB</td>
<td>6063-T6</td>
<td></td>
</tr>
<tr>
<td>E4</td>
<td>RD45-024</td>
<td>1/2</td>
<td>TOP RAIL</td>
<td>6063-T6</td>
<td></td>
</tr>
<tr>
<td>E5</td>
<td>RD45-021</td>
<td>1/2</td>
<td>BOTTOM RAIL</td>
<td>6063-T6</td>
<td></td>
</tr>
<tr>
<td>E6</td>
<td>RD45-006</td>
<td>2</td>
<td>HINGE STILE</td>
<td>6005-T5</td>
<td></td>
</tr>
<tr>
<td>E7</td>
<td>RD45-002</td>
<td>2</td>
<td>VERTICAL JAMB STOP</td>
<td>6063-T6</td>
<td></td>
</tr>
<tr>
<td>E8</td>
<td>RD45-010</td>
<td>AS REQD.</td>
<td>INTERIOR GLAZING BEAD</td>
<td>6063-T6</td>
<td></td>
</tr>
<tr>
<td>E9</td>
<td>RD45-007</td>
<td>AS REQD.</td>
<td>VERTICAL EXTERIOR GLAZING BEAD</td>
<td>6063-T6</td>
<td></td>
</tr>
<tr>
<td>E10</td>
<td>RD45-017A</td>
<td>AS REQD.</td>
<td>LOCK STILE</td>
<td>6005-T5</td>
<td></td>
</tr>
<tr>
<td>M1</td>
<td>M3142NK</td>
<td>AS REQD.</td>
<td>WEATHERSTRIPPING</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>M2</td>
<td>-</td>
<td>1/2</td>
<td>LITE 3/16&quot; x 3/4&quot; x 4&quot; SETTING BLOCK, AT 6&quot; FROM ENDS</td>
<td>EPM 5550</td>
<td>DURAMITER ROSS SHEAR A</td>
</tr>
<tr>
<td>M4</td>
<td>RD45-013</td>
<td>4/6</td>
<td>LEAF HANDICAP OFFSET HINGE ASSEMBLY</td>
<td>6005-T5</td>
<td>SULLIVAN &amp; ASSOCIATES</td>
</tr>
<tr>
<td>M5</td>
<td>RD45-014</td>
<td>1</td>
<td>3/4&quot; x 3/4&quot; x 1/8&quot; INK CHANNEL</td>
<td>ALUMINUM AT THRESHOLD</td>
<td></td>
</tr>
<tr>
<td>M7</td>
<td>-</td>
<td>-</td>
<td>BAR REINFORCEMENT, 2&quot; LONG</td>
<td>ALUMINUM</td>
<td></td>
</tr>
<tr>
<td>M8</td>
<td>-</td>
<td>-</td>
<td>PLATE REINFORCEMENT, 3&quot;-7/8&quot; LONG</td>
<td>ALUMINUM</td>
<td></td>
</tr>
<tr>
<td>M9</td>
<td>-</td>
<td>-</td>
<td>PLATE REINFORCEMENT, 7-3/8&quot; LONG</td>
<td>ALUMINUM</td>
<td></td>
</tr>
<tr>
<td>V1</td>
<td>V-065A</td>
<td>-</td>
<td>DOOR JAMB STOPPING</td>
<td>VINYL</td>
<td></td>
</tr>
<tr>
<td>V2</td>
<td>V-072</td>
<td>-</td>
<td>PILE WITH INTEGRAL FIN</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>S1</td>
<td>AS REQD.</td>
<td>#3/8&quot;-16 x 1-1/4&quot; LG. FULL THREAD H/LHD.</td>
<td>-</td>
<td>1 PER CONER</td>
<td></td>
</tr>
<tr>
<td>S2</td>
<td>AS REQD.</td>
<td>#3/8&quot;-16 x 2&quot; LG. FULL THREAD H/LHD.</td>
<td>-</td>
<td>1 PER CONER</td>
<td></td>
</tr>
<tr>
<td>S3</td>
<td>4/6</td>
<td>HINGE</td>
<td>#12-24 x 3/4&quot; LG. PHIL. F.H. MACHINE SCREW</td>
<td>ST/ST</td>
<td>HINGE INSTALLATION SCREWS</td>
</tr>
<tr>
<td>S4</td>
<td>AS REQD.</td>
<td>#12 x 1-1/4&quot; LG. PHIL. SMS.</td>
<td>ST/ST</td>
<td>ASSEMBLY FASTENERS</td>
<td></td>
</tr>
<tr>
<td>S5</td>
<td>AS REQD.</td>
<td>#12-24 x 3/4&quot; FH MS</td>
<td>ST/ST</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LOCK** (SEE LOCKING SCHEDULE SHEET 1)

FLUSH MOUNT METALLIC MULTI POINT LOCK SYSTEM BY "HOPPER" WITH SURFACE MOUNT LEVER TYPE HANDLE AT 36" FROM BOTTOM KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.

LOCK FASTENED TO LOCK STILE USING (14) #8 X 1" FH SMS HANDLE FASTENED USING (3) #12-28 X 1-1/8" OH MS KEY OPERATOR FASTENED USING (1) #12-28 X 1-7/8" OH MS

PRODUCT RENEWED
as complying with the Florida Building Code
Experession Date 3-14-87
Expiration Date 3-14-88

Dated:__

Mar 05 2018