NOTICE OF ACCEPTANCE (NOA)

Eco Window Systems, LLC
8502 NW 80th Street
Medley, FL 33166

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 850-16 Glass & Aluminum Sectional Garage Door up to 16'-0" Wide

APPROVAL DOCUMENT: Drawing No. 17-12, titled “Series 850-16 Alum/Glass Sectional Garage Door (L.M.I.)”, sheets 1 through 8 of 8, dated 04/25/17, with Rev “B” dated 08/09/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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: A permanent label with the manufacturer’s name or logo, manufacturing address, model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading ‘Miami-Dade County Product Control Approved’ is to be located on the door’s side track, bottom angle, or inner surface of a panel.

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 precede 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.

INSPCTION: 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 page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Jorge M. Plasencia, P.E.

NOA No. 17-0615.03
Expiration Date: October 19, 2022
Approval Date: October 19, 2017
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's die drawings and sections.
2. Drawing No. 17-12, titled “Series 850-16 Alum/Glass Sectional Garage Door (L.M.I.)”, sheets 1 through 8 of 8, dated 04/25/17, with Rev “B” dated 08/09/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS
1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) Forced Entry Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of 16’-0’’x 8’, Series 850 aluminum/glass sectional garage door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-9442, dated 04/06/17, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS
2. Glazing complies with ASTM E1300-09

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their “Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers” dated 01/19/17, expiring on 07/08/19.

F. STATEMENTS

G. OTHERS
1. None.

Jorge M. Plasencia, P.E.
Product Control Unit Supervisor
NOA No. 17-0615.03
Expiration Date: October 19, 2022
Approval Date: October 19, 2017
NOTE:
GLASS CAPACITIES ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DEAS-DEC-219

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES 850-19
ALUMINUM/GLASS SECTIONAL GARAGE DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2014 (5TH EDITION)/2017 (6TH EDITION) FLORIDA
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
WOOD BLOCS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND
INSTALLED ACCORDING 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 EMBEDDING TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIONAL.
WATERPROOFING APPLICATIONS BUT NOT LIMITED TO SEALANT/SCREWS THAT
COME INTO CONTACT WITH OTHER CONSTRUCTION MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2014/2017 FLORIDA BUILDING CODE & ADOPTED 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 INTRUSION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THE DRAWINGS ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.8.2 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.8.2.

GLAZING OPTIONS
TYPICAL ANCHORS:

5/16" Dia. Ultrabond by "FLOO" (Fy=177ksi, fy=55ksi)
Thru 18-g or 26-g BucKs into Concrete
2" Min. Embed into Concrete
At 4" from Bottom and 6-3/4" O.C. Max.
Directly Into Concrete
2" Min. Embed into Concrete
At 4" from Bottom and 8-3/4" O.C. Max.

3/8" Dia. Wink Bolt 3 Expansion Anchor by "Hilti"
Directly into Masonry
2-1/2" Min. Embed into Filled Blocks
At 4" from Bottom and 7-1/4" O.C. Max.
4" Min. Edge Distance

3/16" Dia. #10 FLOO Screws by "FLOO" (Fy=100ksi, fy=55ksi)
Into Metal Structures
At 4" from Bottom and 6-3/4" O.C. Max.
Steel: 1/8" Thick. Min. (Fy = 36ksi Min.)
(Steel in contact with aluminum to be plated or painted)

5/16" Dia. Lag Screws
Into Wood Structures
2-1/4" Min. Penetration into Wood
At 4" from Bottom and 12" O.C. Max.

TYPICAL EDGE DISTANCE
Into Concrete = 3-1/8" Min.
Into Filled Blocks = 4" Min.
Into Wood Structure = 1-1/2" Min.
Into Metal Structure = 3/4" Min.
Wood SG = 0.56 Min.
Concrete : f'c = 5000 psi Min.
C-90 Grout Filled Block f'm = 2000 psi Min.
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<td>SETTING BLOCK, 1/4&quot; X 1/2&quot; X 4&quot; LONG</td>
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**PRODUCT APPROVED**

As complying with the Florida Building Code
NOA-No. 17-0615.03

Approval Date 10/19/2017

By Miami-Dade Product Control