Advanced Garage Door Corp.
9422 N.W. 109 Street
Medley, FL 33178

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: Model 2000 Steel Sectional Garage Door up to 12'-4" Wide

APPROVAL DOCUMENT: Drawing No. 07-19, titled “Steel Overhead Sectional Garage Door”, sheets 1 through 5 of 5, dated 04/19/2007, with revision C dated 08/22/2016, prepared by Al-Faroom Corporation, 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.

LABELING: A permanent label with the manufacturer’s name or logo, manufacturing address, model 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 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 #13-0408.03 and 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 Carlos M. Utrera, P.E.

NOA No. 16-0906.06
Expiration Date: October 27, 2021
Approval Date: October 27, 2016
Page 1
NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

A. DRAWINGS
1. Drawing No. 07-19, titled “Steel Overhead Sectional Garage Door”, sheets 1 through 5 of 8, dated 04/19/2007, with revision C dated 08/22/2016, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS “Submitted under NOA # 08-0415.02”
1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of 24 GA Steel Overhead Sectional Garage Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-07-4288, dated 09/26/2007, signed and sealed by Candido F. Font, P.E.

2. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-9
along with marked-up drawings and installation diagram of 24 GA Steel Overhead Sectional Garage Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-07-4304, dated 09/26/2007, signed and sealed by Candido F. Font, P.E.

3. Tensile Test per ASTM E-8 of a 24 GA (0.025”) thick Steel Skin, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-07-T751, dated 09/29/2007, signed and sealed by Candido F. Font, P.E.


C. CALCULATIONS
1. Anchor verification calculations prepared by Al-Farooq Corporation, dated 08/18/2016, signed and sealed by Javad Ahmad, P.E.

“Submitted under NOA # 13-0408.03”
2. Anchor verification calculations prepared by Al-Farooq Corporation, dated 01/08/2013, signed and sealed by Javad Ahmad, P.E.

“Submitted under NOA # 08-0415.02”
3. Anchor verification calculations, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 03/14/2008, signed and sealed by Humayoun Farooq, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 16-0906.06
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D. QUALITY ASSURANCE
   1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
   1. Statement letter of code conformance to the 5th edition (2014) FBC and of no financial interest issued by Al-Farooq Corporation, dated 08/18/2016, signed and sealed by Javad Ahmad, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 16-0906.06
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E -2
11 GA. GALV. STEEL ROLLER HINGE
FASTENED W/ (6) #14 X 5/8" SWS

ROLLING HINGE
1/2" DOOR
4.75" X 3.5" X 0.078 THK. WALL

SPRING LOADED SLEEVE BOLT LOCK (BY-SIDES)
FASTENED W/ (4) #14 X 1/2" SWS,
0.078 THK. WALL

5/8" MIN. LOCK ENGAGEMENT CONFORMS TO
FSC 1012 REGARDING GARAGE DOORS

18 GA. GALV. STEEL MOUNTING PLATE
FASTENED W/ 10 - 1/4 X 1/2" CARRIAGE BOLT
& LOCK NUT.

5 PIN CYLINDER LOCK

INSIDE SPRING LATCH
FASTENED W/ FOUR
10 X 1/2" S.W.S.

(100 PSI) 7/8" GALV. AIRCRAFT TYPE
CABLE & NIO- PRESS SUPLICE
W/ MIN. 5 TO 1 SAFETY FACTOR

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 16-0906.06
Expiration Date 10/27/2021
By Miami-Dade Product Control

GENERAL NOTES
1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE INCLUDING
HIGH-MEDUITY HURRICANE ZONE BAND.
2. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS.
ANCHOR ENGAGEMENT TO BASE MATERIAL SHALL BE BEYOND WALL
DRESSING OR STUCCO.
3. ALL BOLTS, NUTS AND WASHERS SHALL BE ZINC-PLATED CARBON STEEL.
ANCHORING OR LOCKING CONSIDERATIONS OTHER THAN THOSE SHOWN
IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
4. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOUR SIZES SHOWN OR SMALLER)
- 70.0 PSF

INSIDE ELEVATION
24 GA. ROLL FORMED STEEL

THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT
1-1/4" Dia. steel rollers
W/ 3/4" Dia. x 3/4" stem

5/8" x 1-1/8" x 5/8" x .046" thick.
Reinforcing channel 5-1/2" long
At top & bottom of each section
Fastened w/ (3) 3/8" steell rivets
On interior side of panel.

16 GA. GALV. STEEL 55 KSI MIN. 0.46
Reinforcing truss
At center of each panel.
Fastened w/ (3) #14 x 5/8" SMS
At each center truss.
And (4) #14 x 5/8" self drilling screws
At end truss only.

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 16-0906.06
Expiration Date 10/27/2021

By
Miami-Dade Product Control
WOOD FRAME BUILDINGS
STUD WALLS OR DOOR OPENING (EVEN BY ADVANCED DOORS)
SHALL BE FRAMED SO AS NOT LESS THAN
(3) 2 X 6 WOOD TREATED GRADE 2 SYP OR BETTER
WOOD STUDS.
STUDS TO BE LOCATED FROM FLOOR TO THE BEAM.
ENGINEER OF RECORD TO VERIFY ADEQUACY OF THE
SUPPORTING STRUCTURE.

WOOD BLOCK CONNECTION TO MASONRY
TRACK SHALL BE SECURED WITH TRACK BRACKETS TO PRESSURE
TREATED 2 X 6 SYP WOOD JAMBS WHICH SHALL BE ANCHORED TO
GRADED AND REINFORCED MASONRY BLOCK WALL OR CONCRETE COLUMN
WITH 1/4" DIA. ULTRASONIC BY "LOC".
OR EQUIVALENT ANCHOR HOLDING CURRENT NOTICE OF ACCEPTANCE.
WITH SPACING OF
4-1/2" O.C. INTO GROUT FIRED BLOCKS; WITH 1-1/2" O.C. INTO 2000 PSI CONCRETE; WITH 1-1/4" M.R. INTO WOOD
THE BLOCK WALL CELLS SHALL BE GROUTED AND REINFORCED
WITH 4 M R X 3/8" BARS EXTENDING INTO FOOTING AND INTO THE BEAMS.
ALL BARS SHALL BE CONTINUOUS FROM THE BEAMS TO FOOTING.

PREPARATION OF JAMBS BY OTHERS