JB Garage Door, Inc.
12195 NW 98th Avenue
Hialeah Gardens, FL 33018

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: Models 724/720 Steel Sectional Garage Door up to 18'-2" Wide x 22' High

APPROVAL DOCUMENT: Drawing No. 99-03 Rev H, titled “Steel Overhead Garage Door”, sheets 1 through 5 of 5, dated 02/01/1999 and last revised on OCT 09, 2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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

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.

LIMITATION: This door has not been tested for air infiltration.

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 NOA # 17-0125.01 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 Ishaq I. Chanda, P.E.

NOA No. 17-1018.16
Expiration Date: July 22, 2022
Approval Date: December 14, 2017
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
   1. Drawing No. 99-03, titled “Steel Overhead Garage Door”, sheets 1 through 5 of 5, dated 02/01/1999, with revision G dated 01/06/2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS “Submitted under NOA # 13-0212.04”
   1. Test report on Large Missile Impact Test per FBC, TAS 201-94 and Cyclic Wind Pressure Loading Test per FBC, TAS 203-94 of a Model 724 24 ga Sectional Garage Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-13-4077, dated 07/16/2013, signed and sealed by Rafael E. Droz-Seda, P.E.
   3. Test report of Tensile Test per ASTM E8 of a Sectional Garage Door Skin, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-13-T394, dated 09/04/2013, signed and sealed by Rafael E. Droz-Seda, P.E.

   “Submitted under NOA # 99-0402.02”

C. CALCULATIONS “Submitted under NOA # 14-1014.09”
   1. Anchoring verification calculations prepared by Al-Farooq Corporation, dated 09/23/2014, signed and sealed by Javad Ahmad, P.E.

   “Submitted under NOA # 09-0218.11”
   2. Anchoring verification calculations prepared by Al-Farooq Corporation, complying with F.B.C 2007, dated 01/21/2009, signed and sealed by Humayoun Farooq, P.E.

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

   [Signature]
   Ishaq L. Chanda, P.E.
   Product Control Examiner
   NOA No. 17-1018.16
   Expiration Date: July 22, 2022
   Approval Date: December 14, 2017

E -2
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 14-0311.08, issued to Insulfoam, LLC, for their Insulfoam Expanded Polystyrene Insulation, approved on 08/14/2014 and expiring on 11/29/2017.
2. Notice of Acceptance No. 15-1203.04, issued to Cellofoam North America Inc, for their Expanded Polystyrene Block Insulation, approved on 03/17/2016 and expiring on 02/24/2021.

F. STATEMENTS
1. Statement letter of code conformance to 5th edition (2014) FBC and of no financial interest issued by Al-Farooq Corporation, dated 01/10/2017, signed and sealed by Javad Ahmad, P.E.
   “Submitted under NOA # 13-0212.04”
2. Statement letter of code conformance to 2010 FBC issued by Al-Farooq Corporation, dated 02/07/2013, signed and sealed by Javad Ahmad, P.E.


A. DRAWINGS
1. Drawing No. 99-03 Rev H, titled “Steel Overhead Garage Door”, sheets 1 through 5 of 5, dated 02/01/1999 and last revised on OCT 09, 2017, sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
   Note: This revision consist of editorial changes to comply with FBC 2017.

B. CALCULATIONS
1. None

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

D. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 17-0221.06, issued to Insulfoam, LLC, for their Insulfoam Expanded Polystyrene Insulation, expiring on 11/29/2022.
2. Notice of Acceptance No. 16-1108.04, issued to Dyplast Products, LLC, for their Dyplast ISO-C1 Polyisocyanurate Insulation, expiring on 01/11/2022.
3. Notice of Acceptance No. 15-1203.04, issued to Cellofoam North America Inc, for their Expanded Polystyrene Block Insulation, expiring on 02/24/2021.

E. STATEMENTS

F. OTHER
1. This NOA revises NOA # 17-0125.01, expiring 07/22/22.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1018.16
Expiration Date: July 22, 2022
Approval Date: December 14, 2017

E -2
GENERAL NOTES:

1. 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).

2. 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.

3. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

4. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014/2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

5. 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 RECOVERING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFRINGEMENT RESISTANCE ETC.

6. MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY ACCESSIBLE LOCATION IN ACCORDANCE WITH SECTION 1708.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.3.2.

MAXIMUM DESIGN LOAD RATING = 50.0 PSF (FOR SIZES SHOWN OR SMALLER) = 60.0 PSF
14 GA. GALV. STEEL ADJUSTABLE SLIDE FASTENED TO BRACKET W/ (2) 5/16" X 1" CARRIAGE BOLTS & NUTS.

3/4" X 2" X .032" THICK ALUMINUM STIFFENER (0001-76) GLUTED TO TOP RAIL AND RIVETED TO VERTICAL STILES WITH (2) 3/16" ALUM RIVETS AT TOP AND BOTTOM OF EACH SECTION.

12 GA. GALV. STEEL TOP ROLLER BRACKET (DOUBLE) FASTENED W/ (4) 1/4" X 5/8" S.M.S.

1-1/2" DIAM. ROLLER W/ TEN 1/4" HARDENED STEEL BALL BEARINGS IN CASE HARDENED INNER & OUTER BRACES.

7/16" DIAM X 8" LONG HARDENED SHAFT.

20 GA. ROLL FORMED STEEL BOTTOM RAIL.

PANELS FASTENED TO HORIZONTAL RAILS W/ 3/16" ALUM POP RIVETS SPACING AT 16" O.C. AT ENDS AND 36" O.C. TYPICAL.

3/16" DIAM ALUM POP RIVETS @ PANEL & VERT. STILES.

OPTIONAL INSULATIONS:
BY-TUTESLATE PRODUCTS, LLC ISO-25 POLYSTYRENE DENSITY = 2.0 PCF H.O.A. 1-1158
BY CELLOGLAS NORTH AMERICA DENSITY = 1.03 PCF H.O.A. 1-1032
BY NSPLUG Systems DENSITY = 0.62 PCF H.O.A. 1-1021

14 GA. GALV. STEEL ROLLER HINGES FASTENED W/ (4) 1/4" X 20 X 5/8" HEX HEAD S.M.S. & LOCK NUTS.

MIN. 24 GA ROLL FORMED STEEL PANEL ASTM 653, ED QUALITY, GRADE 33 MIN. YIELD STRENGTH = 50 KSI OXIDIZED ACCORDING TO ASTM A620 EXTERIOR AND INTERIOR.

BOTTOM SEAL 0.08 ALUMINUM PLATE WITH 1/8" X 1/2" S.M.S. @ 48" O.C. AND TUBULAR RUBBER W/ STRIPPING.

SECTION A-A

SEE SECTIONS AT RIGHT FOR LOCATION OF REINFORCING TRUSSES.

TWO (2) REINFORCING TRUSSES PER SECTION EXCEPT THREE (3) ON THE BOTTOM SECTION.

REINFORCING TRUSSE AT 4° FROM TOP OF SECTION 18 GA. X 2-1/2" X 2" GALV. STEEL U-BAR FASTENED TO INTERMEDIATE VERTICAL STILES W/ TWO (14 X 5/8" S.M.S/TEKS AND TO END STILES WITH FOUR (14 X 5/8" S.M.S/TEKS TYPICAL.

REINFORCING TRUSSE AT ±3° FROM BOTTOM OF SECTION 18 GA. X 2 X 3/16" GALV. STEEL ROLLER HINGE FASTENED W/ (4) 5/16" X 5/8" S.M.S.

REINFORCING TRUSSE AT ±3° FROM BOTTOM OF SECTION 18 GA. X 2 X 3/16" GALV. STEEL BOTTOM BRACKET FASTENED W/ (5) 1/4" X 5/8" S.M.S.

REINFORCING TRUSSE AT ±3° FROM BOTTOM OF SECTION 18 GA. X 2 X 3/16" GALV. STEEL BOTTOM BRACKET FASTENED W/ (5) 1/4" X 5/8" S.M.S.
WOOD FRAME BUILDINGS
STUD WALLS OR DOOR OPENING (NOT BY J.B. DOORS)
SHALL BE FRAMED SOLID BY NOT LESS THAN
(3) 2 X 6 PRESSURE TREATED GRADE 2 SPF OR BETTER
WOOD STUDS.
STUD WALLS TO BE CONT. FROM FOOTING TO TIE BEAM.
ENGINEER OF RECORD TO VERIFY ADHOCITY OF THE
Supporting Structure.

WOOD BEAK CONNECTION TO MASONRY
track shall be secured with cont. steel angle to pressure
TREATED 2X6 STOP WOOD JAMBS WHICH SHALL BE ANCHORED TO
GROUTED REINFORCED MASONRY BLOCK WALL OR CONCRETE COLUMN WITH
1/4" ULTADON OR "ELCO" WITH SPACING OF
6" O.C. INT. GROUT FILL BLOCK WALL, WITH 2-1/4" MIN. EMBED
7" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED
2-1/2" MIN. EDGE DISTANCE.
1/4" TAPER BY "POWER'S" WITH SPACING OF
5" O.C. INTO GROUT FILL BLOCK WALL, WITH 1-1/2" MIN. EMBED
5" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED
5" MIN. EDGE DISTANCE.
3/8" CONVEYOR FOR "ELCO" OR
3/8" LOT PT "POWER'S" WITH SPACING OF
7" O.C. INTO 3000 PSI CONCRETE, WITH 2-1/2" MIN. EMBED
3" MIN. EDGE DISTANCE.
3/8" HOLE SLEEVE BY "HOLE" OR
HOLE WITH SPACING OF
2" O.C. INTO 3000 PSI CONCRETE, WITH 1-1/4" MIN. EMBED AND
2-1/2" MIN. EDGE DISTANCE.
THE BLOCK WALL JOINTS SHALL BE GROUT FILLED AND REINFORCED
WITH FOUR # 5 BARS EXTENDING INTO FOOTING AND INTO TIE BEAMS.
ALL BARS SHALL BE CONTINUOUS FROM TIE BEAMS TO FOOTING.
PREPARATION OF JAMBS BY OTHERS

STEEL STRUCTURE BY OTHERS
MUST SUPPORT THE LOADS IMPLODED BY
DOOR SYSTEM

2-1/2" DA BOLTS
WITH WASHER & NUT
AT 12" O.C. MAX.

CONCRETE F'c = 3000 PSI MIN.
C-90 GROUT FILLED BLOCK F'm = 2000 PSI MIN.

TRACK INSTALLATION