DAB Door Company, 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: Hurricane Master Model 824/811 Steel Sectional Garage Door up to 16'-2" w/ Window Lite Option (DP +48.0, -52.0 PSF)

APPROVAL DOCUMENT: Drawing No. 98-05 Rev M, titled “24 GA. Roll Formed Steel Sectional Garage Door”, dated 02/23/1998 and last revised on OCT 03, 2017, sheets 1 through 6 of 6, 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/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 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 # 15-0302.01 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.
The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No. 17-1018.11
Expiration Date: July 21, 2020
Approval Date: December 14, 2017
Page 1
NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
1. Drawing No. 98-05, titled “24 GA. Roll Formed Steel Sectional Garage Door”, dated 02/23/1998, with last revision L dated 03/05/2015, sheets 1 through 6 of 6, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS “Submitted under NOA # 11-0414.13”
3. Test Report on Tensile Test per ASTM E8-08 of “Sectional Residential Door (skin)”, prepared by Hurricane Engineering & Testing Inc, Report No. HETI-11-T101, dated 01/29/2011, signed and sealed by Candido F. Font, P.E.

“Submitted under NOA # 05-0217.02”
4. Test Report on Large Missile Impact Test and Cyclic Wind Pressure Test, of “Sectional Residential Door with Windows” prepared by Hurricane Engineering & Testing Inc., Test Report No. HETI 03-1328, dated 07/15/2003, signed and sealed by Rafael E. Droz-Seda, PE.
5. Test Report on Uniform Static Air Pressure Test, of “Sectional Residential Door” prepared by Hurricane Engineering & Testing Inc., Test Report No. HETI 03-1329, dated 07/15/2003 signed and sealed by Rafael E. Droz-Seda, P.E.
6. Test Report on Tensile Test per ASTM E-8 of “Sectional Residential Door (skin)” prepared by Hurricane Engineering & Testing Inc, Test Report No. HETI 03-T078, dated 10/31/2003, signed and sealed by Rafael E. Droz-Seda, P.E.

“Submitted under NOA # 03-0210.04”

C. CALCULATIONS “Submitted under NOA # 14-0814.08”
1. Anchor verification calculations prepared by Al-Farooq Corporation, dated 09/22/2014 and 07/24/2014, signed and sealed by Javad Ahmad, P.E.

[Signature]
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1018.11
Expiration Date: July 21, 2020
Approval Date: December 14, 2017

E - 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS (Cont.) “Submitted under NOA # 09-0128.01”
   2. Anchor verification calculations prepared by Al-Farooq Corporation, complying with F.B.C 2007, dated 04/05/2011, signed and sealed by Javad Ahmad, P.E.
      “Submitted under NOA # 09-0128.01”
   3. Anchor verification calculations prepared by Al-Farooq Corporation, complying with F.B.C 2007, dated 12/18/2008, signed and sealed by Humayoun Farooq, P.E.

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 13-0717.01, issued to SABIC Innovative Plastics, for their Lexan Sheet Products, approved on 11/28/2013 and expiring on 07/17/2018.
   2. 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.
   3. Notice of Acceptance No. 11-0926.07, issued to Dyplast Products, LLC, for their Expanded Polystyrene Block Type Insulation, approved on 11/10/2011 and expiring on 01/11/2017.
   4. Notice of Acceptance No. 11-0926.06, issued to Dyplast Products, LLC, for their Dyplast ISO-CI Polyisocyanurate Insulation, approved on 11/10/2011 and expiring on 01/11/2017.
   5. Notice of Acceptance No. 10-1129.04, issued to Cellofoam North America Inc, for their Expanded Polystyrene Block Insulation, approved on 02/24/2011 and expiring on 02/24/2016.
      “Submitted under NOA # 05-0228.02”
   8. Test Report on Self-Ignition Temperature Test, Rate of Burn Test and Smoke Density Test of “REHAU non-foam PVC extrusion material”, prepared by ETC Laboratories, Report No. 04-761-15019.0, dated 05/06/2004, signed and sealed by J. L. Doldan, P.E.

F. STATEMENTS “Submitted under NOA # 14-0814.08”
   1. Statement letter of code conformance to the 5th edition (2014) FBC and no financial interest issued by Al-Farooq Corporation, dated 05/13/2014, signed and sealed by Javad Ahmad, P.E.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1018.11
Expiration Date: July 21, 2020
Approval Date: December 14, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUB


A. DRAWINGS
   1. Drawing No. 98-05 Rev M, titled “24 GA. Roll Formed Steel Sectional Garage Door”,
      dated 02/23/1998 and last revised on OCT 03, 2017, 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.
   4. Notice of Acceptance No. 15-0915.08, issued to SABIC Innovative Plastics, for their Lexan Sheet
      Products, expiring on 07/17/2018.

E. STATEMENTS
      prepared by Al Farooq Corporation, dated 10/05/17, signed and sealed by Javad Ahmad,
      P.E.

F. OTHER
   1. This NOA revises NOA #15-0302.01, expiring 07/21/20

   Ishaq I. Chanda, P.E.
   Product Control Examiner
   NOA No. 17-1018.11
   Expiration Date: July 21, 2020
   Approval Date: December 14, 2017

   E -3
WOOD BUCK CONNECTION TO WOOD SUBSTRATE (WOOD SPECIFIC GRAVITY SG=0.55 MIN.)

THE INSTALLATION METHODS SHOWN ABOVE SHOWS 2X6 SYM WOOD BUCK ATTACHMENT TO WOOD STRUCTURES. IF THESE METHODS ARE FOLLOWED NO ADDITIONAL CALCULATIONS/DESIGN WILL BE REQUIRED FOR DESIGN OF GARAGE DOOR ARCHITECT.

FOR DOOR REPLACEMENT APPLICATIONS WITH NO ENGINEER OF RECORD, INSTALLATION MAY BE VERIFIED AND APPROVED BY THE BUILDING OFFICIAL UPON INSPECTION.

WOOD BUCK CONNECTION TO MASONRY

PRESSURE TREATED 2X6 SYM WOOD JAMBS WHICH SHALL BE ANCHORED TO GROUTED REINFORCED MASONRY BLOCK WALL OR CONC. COLUMN WITH

1/4" ULTRACON BY "ELOO" WITH SPACING OF

12" O.C. INTO GROUT FILLED BLOCK WALL, WITH 2-1/4" MIN. EMBED 9" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED 2-1/2" MIN. EDGE DISTANCE

1/4" TAPER BY POWERS WITH SPACING OF

8" O.C. INTO GROUT FILLED BLOCK WALL, WITH 1-1/2" MIN. EMBED 9" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED 3" MIN. EDGE DISTANCE

5/8" ULTRACON BY "ELOO" OR

5/8" LOT BY "F & M" WITH SPACING OF

21" O.C. INTO 3000 PSI CONCRETE, WITH 2-1/2" MIN. EMBED 3" MIN. EDGE DISTANCE

5/8" ULTRACON BY "ELOO" WITH SPACING OF

8" O.C. INTO GROUT FILLED BLOCK WALL, WITH 1-1/4" MIN. EMBED, 4" MIN. EDGE DIST. 11" O.C. INTO 3000 PSI CONCRETE, WITH 1-1/4" MIN. EMBED AND 2-1/3" MIN. EDGE DISTANCE

PREPARATION OF JAMBS BY OTHERS

FOR NEW CONSTRUCTION ENGINEER OF RECORD OR ARCHITECT TO VERIFY ADEQUACY OF SUPPORTING STRUCTURE TO SUPPORT LOADS IMPOSED BY DOOR SYSTEM.

FOR DOOR REPLACEMENT IN RETROFIT BUILDINGS WITH NO ENGINEER OF RECORD, DOOR INSTALLATION MAY BE VERIFIED AND APPROVED BY BUILDING OFFICIAL UPON INSPECTION.

MAXIMUM EXTERIOR LOAD PER JAMB = (16.17 X 48 PSF)/2 = 397 Lbs per fl

MAXIMUM INTERIOR LOAD PER JAMB = (16.17 X 70 PSF)/2 = 410.4 Lbs per fl

ALTERNATE TRACK INSTALLATION

CONCRETE Fc = 3000 PSI MIN.

0-20 GROUT FILLED BLOCK Fm = 2000 PSI MIN.

REVERSE TRACK TO STEEL

1/16" X 2-1/2" FILLET WELDS AT 1/2" O.C. MAX.

CONTINUOUS ANGLE TRACK TO WOOD BUCK

1/16" X 2-1/2"

CONCRETE, STEEL ANGLE

EDGE DIST.

1/16" X 2-1/2" X 14 GA.

CONCRETE, STEEL ANGLE

12 GA. GAUL STEEL

FLAT BRACKETS 63" LONG

AT 12" O.C. IN DOOR OPGS.

AT 16" O.C. ABOVE DOOR OPGS.

CONNECTED TO CONT. ANGLE

W/ (3) SPOT WELDS AT EACH SIDE

CONTINUOUS ANGLE TRACK TO CONCRETE AND FILLED BLOCK

2-1/8" X 1" X 14 GA.

STAINLESS STEEL TRACK

FASTENED TO TRACK PLATES

W/ (2) 1/4"-20X9/16" TRUSS HD.

ATTACHED M4 & LOCK NUT

DATE: Oct. 02, 2017

STATE OF FLORIDA

DEPARTMENT OF STATE

BOND LICENSE NO. 70592

CERTIFICATE OF COMPLIANCE

BOND ISSUER:

AL-FAROQH CORPORATION

5950 SUNSET CIRCLE, SUITE 200

HIALEAH, FL 33015

PHONE 305-267-1072

DATE OF ISSUE: 02-23-98

STATEWIDE NO.: 710982

IN OR BY: AL-FAROQH CORPORATION

SIGNATURE: 2017-2018

S/P DELTA:

FIRM NAME:

AL-FAROQH CORPORATION

5950 SUNSET CIRCLE, SUITE 200

HIALEAH, FL 33015

PHONE 305-267-1072

DATE OF ISSUE: 02-23-98

STATEWIDE NO.: 710982

IN OR BY: AL-FAROQH CORPORATION

SIGNATURE: 2017-2018

S/P DELTA:

FIRM NAME:

AL-FAROQH CORPORATION

5950 SUNSET CIRCLE, SUITE 200

HIALEAH, FL 33015

PHONE 305-267-1072

DATE OF ISSUE: 02-23-98

STATEWIDE NO.: 710982

IN OR BY: AL-FAROQH CORPORATION

SIGNATURE: 2017-2018

S/P DELTA:

FIRM NAME:

AL-FAROQH CORPORATION

5950 SUNSET CIRCLE, SUITE 200

HIALEAH, FL 33015

PHONE 305-267-1072

DATE OF ISSUE: 02-23-98

STATEWIDE NO.: 710982

IN OR BY: AL-FAROQH CORPORATION

SIGNATURE: 2017-2018

S/P DELTA:

FIRM NAME:

AL-FAROQH CORPORATION

5950 SUNSET CIRCLE, SUITE 200

HIALEAH, FL 33015

PHONE 305-267-1072

DATE OF ISSUE: 02-23-98

STATEWIDE NO.: 710982

IN OR BY: AL-FAROQH CORPORATION

SIGNATURE: 2017-2018

S/P DELTA:
PLASTIC COMPLIES WITH
CHAPTER 26 OF FBC
SEE EVIDENCE PAGE

* EXTERIOR FRAME
* INTERIOR FRAME

1/4" POLYCARBONATE LEXAN
BY "SABIC INNOVATIVE PLASTICS"
Nova #15-0915-08

(4) #8 x 3/4" SMS
Ø 3/8" FROM ENDS
AND 5-1/2" O.C. MAX.

175 X .062 DEEP
GROOVE

14 1/4" MAX
WORK HEIGHT

18 1/8" MAX
WORK WIDTH

10 3/8" MAX
D.L.O.

8 X 3/4" SMS
Ø 3/8" FROM ENDS
AND 7" O.C. MAX.

21 3/4" MAX
WIND HEIGHT

175 X .062 DEEP
GROOVE

DOOR PANEL
24 GA. (.024) STEEL MIN.

- 7/16" DIA. WASHER

INSIDE ELEVATION
RAISED PANEL EMBOSSED DOOR WITH OPTIONAL WINDOWS
WINDOW LITES CAN BE IN ANY LOCATION IN DOOR SECTION

* EXTERIOR FRAME
* INTERIOR FRAME

176
1344
1344
250
300
176
176
1.763
1.765
400

OUTLINE DRAWING

© 2017 Vahid Ahmad
Vahid Ahmad Professional Engineer

DATE: Oct. 03, 2017
DRAWING NO.: 98-05
SHEET: 6 of 6