NOTICE OF ACCEPTANCE (NOA)

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 9'-4" w/ Window Lite Option

APPROVAL DOCUMENT: Drawing No. 01-05 Rev K, titled “Sectional Garage Door”, dated 01/19/2001 and last revised on AUG 17, 2017, sheets 1 through 5 of 5, 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.

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 # 16-0330.04 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.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
1. Drawing No. 01-05, titled “Sectional Garage Door”, dated 01/19/2001, with last revision J dated 03/21/2016, sheets 1 through 5 of 5, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS “Submitted under NOA # 09-0128.05”
1. Test report of Tensile Test per ASTM E 8, Report No. HETI 08-T182, prepared by Hurricane Engineering & Testing, Inc., dated 12/23/2008, signed and sealed by Candido F. Font, P.E.

“Submitted under NOA # 08-1106.05”

2. 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 2411 3.2.1, TAS 202-94 along with marked-up drawings and installation diagram of a DAB 824 24 GA Sectional Garage Door with Fixed Windows, prepared by Hurricane Engineering & Testing, Inc, Test Reports No. HETI-08-2149A/B, dated 06/27/2008, signed and sealed by Candido F. Font, P.E.

“Submitted under NOA # 03-0210.04”


“Submitted under NOA # 01-0620.08”


5. Test report of Large Missile Impact Test, per FBC, TAS 201-94 and Cyclic Wind Pressure Test per, per FBC, TAS 203-94 on “Sectional Residential Garage Doors”, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI 01-972/974, dated 01/29/2001, signed and sealed by Hector M. Medina, P.E.

C. CALCULATIONS “Submitted under NOA # 14-0814.09”
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.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0919.13
Expiration Date: October 4, 2021
Approval Date: December 14, 2017

E - 1
NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

C.  CALCULATIONS (Cont.)
   "Submitted under NOA # 09-0128.05"
   1. Anchor verification calculations prepared by Al-Farooq Corporation, complying with F.B.C 2007, dated 12/19/2008, 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. 15-0915.08, issued to SABIC Innovative Plastics, for their Lexan Polycarbonate Sheet Products, approved on 12/10/2015 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. 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.
   "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
   1. Statement letter of code conformance to the 5th edition (2014) FBC and of no financial interest issued by Al-Farooq Corporation, dated 03/21/2016, signed and sealed by Javad Ahmad, P.E.

Ishaq L. Chanda, P.E.
Product Control Examiner
NOA No. 17-0919.13
Expiration Date: October 4, 2021
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NOTICE OF ACCEPTANCE: EVIDENCE SUB


A. DRAWINGS
   1. Drawing No. 01-05 Rev K, titled “Sectional Garage Door”, dated 01/19/2001 and last revised on AUG 17, 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.
   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

F. OTHER
   1. This NOA revises NOA #16-0330.04, expiring 10/04/21.

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Isfiaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0919.13
Expiration Date: October 4, 2021
Approval Date: December 14, 2017
THIS PRODUCT IS RATED FOR LARGE MISSILE IMPACT

#14 X 3/4" SELF DRILLING SCREWS MAY BE USED IN LIEU OF #14 X 5/8" SMS

MAXIMUM DESIGN LOAD RATING = + 62.0 PSF
(Doors without Windows) - 70.0 PSF

MAXIMUM DESIGN LOAD RATING = + 55.0 PSF
(Doors with Windows) - 64.0 PSF

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (6TH EDITION) / 2017 (7TH 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 DRILLING 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 IN CONTACT WITH OTHER DEIZAL MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014/2017 FLORIDA BUILDING CODE & ADOPTED STANDARDS.

5. THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PRODUCT, i.e. LIFT SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INTRUSION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

6. MANUFACTURER'S LABEL SHALL BE LOCATED ON A REASONABLY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1708.5.5 OF FLORIDA BUILDING CODE, LABELING TO COMPLY WITH SECTION 1708.6.2.
OPTION 'A'

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

THE INSTALLATION METHODS SHOWN ABOVE SHOWS 2 X 6 X 8 PIECE OF WOOD BUCK ATTACHMENT TO WOOD STRUCTURES. IF THESE METHODS ARE FOLLOWED NO ADDITIONAL CALCULATIONS/DISIGN

WILL BE REQUIRED FOR DESIGN OF GARAGE DOOR ANCHORAGE.

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 2 X 6 X 8 PIECE OF WOOD BUCKS SHALL BE ANCHORED TO GRAUDED REINFORCED MASONRY BLOCK WALL OR CONCRETE COLUMN WITH

1/4" ULTRACON BY "ELDO" WITH SPACEING OF

16" O.C. INTO GRouted Filled BLOCK WALL, WITH 2-1/2" MIN. Embed 16" O.C. INTO 3000 PSI CONCRETE, WITH 1-1/4" MIN. Embed 2-1/2" MIN. EDITION DISTANCE

1/4" DIPPER BY "DOCTOR" WITH SPACEING OF

11" O.C. INTO GRouted Filled BLOCK WALL, WITH 1-1/2" MIN. Embed 11" O.C. INTO 3000 PSI CONCRETE, WITH 1-1/2" MIN. Embed 3" MIN. EDGE DISTANCE

3/8" POWER-SEAL BY "BLODD" WITH SPACEING OF

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

3/8" HCS SLEEVE BY "MILTY" WITH SPACEING OF

8" O.C. INTO GRouted Filled BLOCK WALL, WITH 1-1/4" MIN. Embed, 4" MIN. EDGE DIST. 18" O.C. INTO 3000 PSI CONCRETE, WITH 1-1/4" MIN. Embed AND 2-1/2" 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 REVIEWED AND APPROVED BY BUILDING OFFICIAL UPON INSPECTION.

MAXIMUM EXTERIOR(+) LOAD PER JAMB = (9.33' x 62 PSF)/2 = 289.3 lbs per ft.

MAXIMUM INTERIOR(-) LOAD PER JAMB = (9.33' x 70 PSF)/2 = 326.5 lbs per ft.

W/STRIP ADAPTER - ALUMINUM

RUBBER W/STRIPPING

5/16" X 1-5/8" LAG SCREWS AT 12" O.C.

W/STRIP ADAPTER - STEEL

RUBBER W/STRIPPING

5/16" X 1-5/8" LAG SCREWS AT 12" O.C.

5/16" DIA. BOLTS WITH WASHER & NUT AT 12" O.C. MAX.

STEEL STRUCTURE BY OTHERS MUST SUPPORT THE LOADS IMPOSED BY DOOR SYSTEM.

ALTERNATE TRACK INSTALLATION

CONCRETE f'c = 3000 PSI MIN.

C-90 GRouted Filled BLOCK f'y = 2000 PSI MIN.

CONTINUOUS ANGLE TRACK TO WOOD BUCK

REVERSE TRACK TO STEEL

CONCRETE AND FILLED BLOCK
DOOR PANEL
24 GA. (.024) STEEL MIN.

7/16" DIA. WASHER

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

(4) #8 X 3/4" SMS
Ø 1-3/32" FROM ENDS
AND 6-1/2" O.C. MAX.

.175 X .062 DEEP
GROOVE

1/4" POLYCARBONATE LEXAN
BR "SBIC INNOVATIVE PLASTICS"
NO. 15-0815.08

.175 X .062 DEEP
GROOVE

(4) #8 X 3/4" SMS
Ø 1-3/32" FROM ENDS
AND 6-1/2" O.C. MAX.

#8 X 3/4" SMS
Ø 3/8" FROM ENDS
AND 6-1/2" O.C. MAX.

7/16" DIA. WASHER

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

PLASTIC COMPLIES WITH
CHAPTER 26 OF FBC.
SEE EVIDENCE PAGE.

* EXTERIOR FRAME
RIGID PVC ONE PIECE INJECTION

* INTERIOR FRAME
RIGID PVC ONE PIECE INJECTION

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

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

15/16" MIN.
GLAZING BITE

WINDOW WIDTH

14 1/4" MAX.
WOW. WIDTH

18 1/8" MAX.
TO 5/8" MAX.
D.L. O.C.

21 3/4" MAX.
WOW. WIDTH

1.765
1.144
1.725
.800
.500
.250

A

B

C

EXTERIOR

01-05
Sheet 5 of 5