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: Storm Master Model 824/811/812 Steel Sectional Garage Door up to 9'-4" Wide w/ Optional Insulation and Window Lites (DP +42.0, -52.0 PSF)

APPROVAL DOCUMENT: Drawing No. 18-109, titled “24 GA. Roll Formed Steel Sectional Garage Door”, sheets 1 through 5 of 5, dated 01/08/2018, with revision A dated 02/08/2018, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control 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 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 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. 17-1206.15  
Expiration Date: March 15, 2023  
Approval Date: March 15, 2018  
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Drawing No. 18-10D, titled “24 GA. Roll Formed Steel Sectional Garage Door”, sheets 1 through 5 of 5, dated 01/08/2017, with revision A dated 02/08/2018, 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) Forced Entry Test per FBC 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-17-5020, dated 11/03/2017, revised on 02/09/2018, signed and sealed by Rafael E. Droz-Seda, P.E.
2. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
   2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   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-17-5021, dated 11/03/2017, revised on 02/09/2018, signed and sealed by Rafael E. Droz-Seda, P.E.
3. Test report on Tensile Test per ASTM E 8 of 24 ga. (0.024") steel samples, prepared by Hurricane Engineering & Testing, Inc., Report No. HETI 11-T100, dated 01/21/2011, signed and sealed by Candido F. Font, P.E.

C. CALCULATIONS
1. Anchor verification calculations prepared by Al-Farooq Corporation, dated 01/09/2018, signed and sealed by Javad Ahmad, P.E.

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

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 17-1206.15
Expiration Date: March 15, 2023
Approval Date: March 15, 2018

E-1
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. 17-0221.06, issued to Insulfoam, LLC, for their Insulfoam Expanded Polystyrene Insulation, expiring on 11/29/2022.
3. Notice of Acceptance No. 16-1108.04, issued to Dyplast Products, LLC, for their Dyplast ISO-C1 Polyisocyanurate Insulation, expiring on 01/11/2022.
4. 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.
5. Notice of Acceptance No. 15-0410.11, issued to REHAU Construction LLC, for its White Rigid PVC Extrusions for Windows and Doors, approved on 09/24/2015 and expiring on 09/24/2020.

F. STATEMENTS
WOOD BUCK CONNECTION TO WOOD SUBSTRATE (WOOD SPECIFIC GRAVITY SG=0.55 MN.)

THE INSTALLATION METHODS SHOWN ABOVE SHOWS 2X6 SIP WOOD BUCK ATTACHMENT TO WOOD STRUCTURE. IF THESE METHODS ARE FOLLOWED NO ADDITIONAL CALCULATIONS/DESIGN 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 CONCRETE/BLOCKS

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

1/4" ULTRACAP BY "ELCO" WITH EMBED OF 11" O.C. INTO GROUT-FILLED BLOCK WALL, WITH 2-1/4" MIN. EMBED, 11" O.C. INTO 2000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED 2-1/2" MIN. EDGE DISTANCE

1/4" TAPFER BY "POWERS" WITH EMBED OF 11" O.C. INTO GROUT-FILLED BLOCK WALL, WITH 1-1/2" MIN. EMBED, 11" O.C. INTO 2000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED 3" MIN. EDGE DISTANCE

3/8" CONCEAL BY "ELCO" OR 3/8" LET IN BY "TWF" WITH EMBED OF 24" O.C. INTO 2000 PSI CONCRETE, WITH 2-1/2" MIN. EMBED 3" MIN. EDGE DISTANCE

3/8" HLC SLEEVE BY "HILTI" WITH EMBED OF 11" O.C. INTO GROUT-FILLED BLOCK WALL, WITH 1-1/4" MIN. EMBED, 4" MIN. EDGE DIST. 14" O.C. INTO 2000 PSI CONCRETE, WITH 1-1/4" MIN. EMBED AND 2-1/2" MIN. EDGE DISTANCE

PREPARATION OF JAMBS BY OTHERS

FOR NEW CONSTRUCTION ENGINEERS OF RECORD OR ARCHITECT TO VERIFY ACCURACY 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 EXTENSION(+): LOAD PER JAMB = (10.3" X 42 PSF)/2 = 216.9 lbs per ft.

MAXIMUM INTERIOR(-): LOAD PER JAMB = (10.3" X 32 PSF)/2 = 288.6 lbs per ft.

PRODUCT APPROVED

as complying with the Florida Building Code
NOA-No. 17-1206.15
Approval Date: 03/15/2015
By: Miami-Dade Product Control

FEB 2 1 2018

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

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

1-1/4" X 2-1/2" X 14 GA.

CONTINUOUS ANGLE TRACK TO CONCRETE AND FILLED BLOCK

REVERSE TRACK TO STEEL

ALTERNATE TRACK INSTALLATION

CONCRETE F/C = 3000 PSI MIN.
C-30 GROUT-FILLED BLOCK F/M = 2000 PSI MIN.

CONTINUOUS ANGLE TRACK TO WOOD BUCK

1/8" THK. MIN. STEEL, STRUCTURE BY OTHERS MUST SUPPORT THE LOADS IMPOSED BY DOOR SYSTEM

1/4" X 2-1/2" X 14 GA.

1/4" X 2-1/2" X 14 GA.

5/16" DIA. BOLTS AT 12" O.C. MAX.

5/16" DIA. BOLTS AT 12" O.C. MAX.

5/16" X 1-5/8" LAG SCREWS AT 11" O.C.