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 10'-4” Wide w/ Optional Insulation and Window Lites (DP +42.0, -52.0 PSF)

APPROVAL DOCUMENT: Drawing No. 18-04D, titled “24 GA. Roll Formed Steel Sectional Garage Door”, sheets 1 through 5 of 5, dated 12/20/2017, 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.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Drawing No. 18-04D, titled “24 GA. Roll Formed Steel Sectional Garage Door”, sheets 1 through 5 of 5, dated 12/20/2017, 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 12/19/2017, 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. 17-1206.14
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

7-1/2" x 3" x 14 GA. GALV. STEEL END ROLLER HINGE W/ (8) #14 x 5/8" SMS WITHOUT DELRION SLEEVE (STD.) WITH DELRION SLEEVE (OPTIONAL)

7-1/2" x 2-1/4" x 14 GA. GALV. STEEL CENTER HINGE W/ (4) #14 x 5/8" SMS WITH DELRION SLEEVE (OPTIONAL)

1" W X .15" THK. LAVER

STANDARD LOCK SPRING LOADED SLIDE BOLT (BOTH SIDES) FASTENED W/ (5) #14 X 1/2" S.M.S. 5/8" MIN. LOCK ENGAGEMENT CONFORMS TO SECTION 1008 REGARDING GARAGE DOORS

.121 DX GALV. AIRCRAFT TYPE CABLE & INCO-FRIES SLEDGE W/ MIN. 5 TO 1 SAFETY FACTOR

2-3/4" W X 6" H X 12 GA. THK. STEEL PLATE, 1-3/8" DEEP WITH (4) #14 X 3/4" SELF DRILLING SCREWS

2-3/4" W X 6" H X 12 GA. THK. STEEL PLATE, 1-3/8" DEEP WITH (4) #14 X 3/4" SELF DRILLING SCREWS

BRACKET STD. LIFT DOOR

BRACKET LOW HEADROOM DOOR OPTION

OPTIONAL VENTS
3. SHADOW LINE
1. FUSH FACE

3-7/8" X 3-1/8" X 12 GA.
STEEL PLATE WITH (4) #14 X 3/4" SDS

IN ALL ELEVATIONS RAISED PANEL EMBOSSED DOOR

GENERAL NOTES
1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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 EMBOSSED 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/STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSiMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.
5. THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC PROJECT, I.E., LIFE SAFETY OF THIS PRODUCT, ACCURACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFLATION 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 READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

FEB 2 1 2018

PRODUCT APPROVED as complying with the Florida Building Code
N.O.A.-No. 17-1206.14
Approval Date 03/15/2018
By Miami-Dade Product Control
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SOLID BRASS DOOR VIEWER
BY "SCHLAGE SECURITY HARDWARE"
INSTALLED IN 9/16" DIA. HOLES IN CENTER STILE
POSITIONED AT EYE LEVEL

3/16" DIA. POP RIVETS AT 4" O.C.
(5) FOR 21" STILES
(5) FOR 18" STILES

3/16" X 2" X 2-1/2" X 18 GA. STEEL
END STILE, CONNECTED TO PANELS WITH
FLAPS AND (5) OR (6) 3/16" ALIN RIVETS
SEE DETAIL ABOVE

3/16" X 5/8" S.M.S.
4 PER HINGE

1/4 X 5/8" S.M.S.
6 PER HINGE

1-5/8" FORMED STEEL
GLUED TO PANEL AND SECURED TO
END STILE WITH (4) 3/16" POP RIVETS

1-7/8" X 2-5/8" X 18 GA. STEEL
CENTER STILE, GLUED AND RIVETED TO PANEL WITH (4) 3/16" RIVETS

1-1/2" MIN.
EDGE DIST.

1-3/16"

1) PER BRACKET
SEE SHEET 3 FOR BRACKET SPACING

1/4-20 SS BOLT & NUT

1.82" DIA. X .50" STEEL ROLLERS (STD.)
1.80" DIA. X .50" NYLON ROLLERS (OPTIONAL)
2.75" DIA. X .50" STEEL ROLLERS (OPTIONAL)
2.75" DIA. X .50" NYLON ROLLERS (OPTIONAL)
WITH 5" STEM

STEEL TRACK BRACKET FASTENED TO WOOD JAMB WITH
5/16" X 1-5/8" LAG SCREW (FULLY THREADED)
HEX WASHER HEAD TYPE A
ONE PER BRACKET

SOUTHERN PIN
0.55 S.G.

1-1/2"
EDGE DIST.

1-3/16"

1.9" X 3.3" X 2.0" X 12 GA.
SEE SHEET 3 FOR SPACINGS

14 GA. X 3-1/8" X 1" (STANDARD)
12 GA. X 3-5/8" X 1-1/2" (OPTIONAL)
FASTENED TO TRACK PLATE
W/ 1/4-20 X 1/2" TRUS MD.
SLIDED WSS & LOCK NUT

7-1/2" X 14 GA.
STEEL CENTER HINGE
7/8" PUSHNUT INSTALLED ON ROLLER SHAFT

7-1/2" X 14 GA.
END ROLLER HINGE

FEB 2 1 2010
WOOD BUCK CONNECTION TO WOOD SUBSTRATE (WOOD SPECIFIC GRAVITY SG=0.55 MIN.)

THE INSTALLATION METHODS SHOWN ABOVE SHOWS 2X6 SYP WOOD BUCK ATTACHMENT TO WOOD STRUCTURES. IF THESE METHODS ARE FOLLOWED NO ADDITIONAL CALCULATIONS/DISIGN WILL BE REQUIRED FOR DECISION OF WOOD BUCK ShING. 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 SYP WOOD JAMS WHICH SHALL BE ANCHORED TO GRAUTED REINFORCED MASONRY BLOCK WALL OR CONC. COLUMN WITH 1/4" ULTRACON BY "ELCO" WITH SPACING OF 11" O.C. INTO GRAUTED-FILLED BLOCK WALL, WITH 2-1/2" MIN. EMBED. 11" O.C. INTO 3000 PSI CONCRETE, WITH 1-3/4" MIN. EMBED. 2-1/2" MIN. EMBED. EDGE DISTANCE. 1/4" TAPPER BY "POWERS" WITH SPACING OF 11" O.C. INTO GRAUTED-FILLED BLOCK WALL, WITH 1-1/4" MIN. EMBED. 11" O.C. INTO 3000 PSI CONCRETE, WITH 1-1/4" MIN. EMBED. 3" MIN. EDGE DISTANCE. 3/8" CONFLX BY "ELCO" OR 3/8" LOT BY "TWI" WITH SPACING OF 12" O.C. INTO 3000 PSI CONCRETE, WITH 2-1/2" MIN. EMBED. 3" MIN. EMBED. EDGE DISTANCE. 3/8" HCL SLEEVE BY "MILT" WITH SPACING OF 12" O.C. INTO GRAUTED-FILLED BLOCK WALL, WITH 1-1/4" MIN. EMBED. 4" MIN. EDGE DIST. 13" O.C. INTO 3000 PSI CONCRETE, WITH 1-1/4" MIN. EMBED AND 2-1/2" MIN. EMBED. EDGE DISTANCE.

PREPARATION OF JAMBS BY OTHERS

FOR NEW CONSTRUCTION ENGINEER OF RECORD OR ARCHITECT TO VERIFY ADDUCY 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 REVISED AND APPROVED BY BUILDING OFFICIAL UPON INSPECTION.

MAXIMUM EXTERIOR(-) LOAD PER JAMB = (13.5 x 42 PSF)/2 = 263.6 Lbs per ft.
MAXIMUM INTERIOR(-) LOAD PER JAMB = (10.5 x 52 PSF)/2 = 268.6 Lbs per ft.

ALTERNATE TRACK INSTALLATION

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ac complying with the Florida Building Code
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17-1206.14
Approval Date, 03/15/2016
By
Miami-Dade Product Control

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

FEB 21 2018