Wayne Dalton a Div. of Overhead Door Corporation
3395 Addison Drive
Pensacola, FL 32514

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 8024/8124 Code 1300 Steel Sectional Garage Door up to 9'-0" Wide with Optional Impact Resistant Glazing

APPROVAL DOCUMENT: Drawing No. 329928, titled “Models 8024/8124 Windload Specification Option Code 1300”, sheets 1 through 4 of 4, dated 05/04/2007, prepared by the manufacturer, signed and sealed by Dwayne J. Kornish, P.E. on 05/05/2017, bearing the Miami-Dade County Product Control renewal stamp with the NOA number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large & 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 be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number precedes 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 renews NOA # 14-0825.11 and consists of this page 1 and evidence page E-1, 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. 329928, titled "Models 8024/8124 Windload Specification Option Code 1300", sheets 1 through 4 of 4, dated 05/04/2007, prepared by the manufacturer, signed and sealed by Dwayne J. Kornish, P.E. on 05/05/2017.

B. TESTS "Submitted under NOA # 12-0215.05"

"Submitted under NOA # 08-0304.02"
2. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
   2) Large Missile Impact Test, per FBC, TAS 201-94
   3) Cyclic Wind Pressure Loading Test, per FBC, TAS 203-94,
   along with marked-up drawings, prepared by Certified Testing Laboratories, Inc., Test Report # CTLA 1734W-2, dated 11/09/2007, signed and sealed by Ramesh Patel, P.E.

"Submitted under NOA # 07-0803.10"
3. Test report on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94
   2) Large Missile Impact Test, per FBC, TAS 201-94
   3) Cyclic Wind Pressure Loading Test, per FBC, TAS 203-94,
   along with marked-up drawings, prepared by Certified Testing Laboratories, Inc., Test Report # CTLA 1672W-3, dated 05/21/2007, signed and sealed by Ramesh Patel, P.E.
4. Test report on Tensile Test per ASTM E8, dated 05/22/2007, prepared by Certified Testing Laboratories, Inc., Test Report # CTLAW, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS "Submitted under NOA # 11-0411.04"
1. Jambs anchoring calculations prepared by John E. Scates, Professional Engineer, dated 12/08/2010, signed and sealed by John E. Scates, 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 17-0516.01
Expiration Date: September 27, 2022
Approval Date: July 27, 2017

E - 1
E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 12-0605.05, issued to Bayer MaterialScience LLC (MA),
      for their Makrolex Polycarbonate Sheets, approved on 12/06/2012 and expiring on
      08/27/2017.

F. STATEMENTS
      Wayne Dalton a Div. of Overhead Door Corporation, dated 06/22/2017, signed and
      sealed by Dwayne J. Kornish, P.E.

      "Submitted under NOA # 14-0825.11"

   2. Statement letter of code conformance to the 5th edition (2014) FBC issued by
      Wayne Dalton a Div. of Overhead Door Corporation, dated 08/15/2014, signed and
      sealed by Mark A. Sawicki, P.E.

      "Submitted under NOA # 11-0411.04"

   3. Statement letter of code conformance to 2010 FBC and no financial interest, issued by
      John E. Scates, Professional Engineer, dated 10/28/2011, signed and sealed by John E.
      Scates, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 17-0516.01
Expiration Date: September 27, 2022
Approval Date: July 27, 2017
### JAMB BRACKET SCHEDULE

<table>
<thead>
<tr>
<th>DOOR HEIGHT</th>
<th>NO. OF SECTIONS</th>
<th>NO. OF JAMB BRACKETS (EACH JAMB)</th>
<th>LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 1&quot;)</th>
</tr>
</thead>
</table>

**NOTE:** (JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4"-20X1/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

ALL DOORS WITH DECORATIVE OVERLAY REQUIRE USE OF CONTINUOUS WALL ANGLE. SEE SHEET 4 FOR DETAILS.

### SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

<table>
<thead>
<tr>
<th>DOOR WIDTH</th>
<th>DOOR HEIGHT</th>
<th>UNIFORM LOAD EACH JAMB (PLF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'-0&quot;</td>
<td>ALL</td>
<td>+184.0/-208.0</td>
</tr>
<tr>
<td>9'-0&quot;</td>
<td>ALL</td>
<td>+207.0/-234.0</td>
</tr>
</tbody>
</table>

**NOTE:** (4) SECTION SOLID DOOR SHOWN. SEE SHEET 3 FOR U-BAR LOCATIONS ON DOORS WITH OTHER SECTION NOTATIONS AND SEE NOTE 3. "SLIDE LOCK" SHOWN FOR CLARITY.

**NOTES:**
1. IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" MAKORON-AR POLYCARBONATE OR EQUAL (MIA-Dade APPROVED). MAXIMUM GLAZING DIMENSIONS SHALL BE 18.56" x 12.28". SEE DETAIL A ON SHEET 3 FOR ASSEMBLY DETAILS.
2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" C.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
3. KEY LOCK, SLIDE LOCK, OR OPERATOR REQUIRED.
4. SECTION STEEL TO HAVE A MINIMUM 24 GA THICKNESS WITH A MINIMUM G60 COATING AND A MINIMUM YIELD STRENGTH OF 33.8 KSI.
5. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
6. WOOD SUBSTRATE FOR DOOR JAMBS IS TO BE MINIMUM 2X6 NO. 3 SOUTHERN PINE RELATIVELY KNOT FREE. REFER TO SHEET 3 FOR ATTACHMENT TO SUPPORTING STRUCTURE. FOR DIRECT MOUNTING OF JAMB BRACKETS TO OTHER SUBSTRATES, SEE JAMB DETAIL SHEET 2. FOR MOUNTING OF CONTINUOUS WALL ANGLE, SEE CONTINUOUS WALL ANGLE DETAIL SHEET 3.
7. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF [3] 1/4"x14x7/8" SELF DRILLING SUMPITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.
8. LOUVERS MAY BE INSTALLED ON THE DOOR IF THE TOTAL AREA OF THE LOUVER DOES NOT EXCEED 60 SQUARE INCHES.
9. THIS DOOR HAS NOT BEEN TESTED FOR AIR INfiltration.
13 GA ROLLER SLIDE ATTACHED TO 
BRACKET WITH 5/16-18 BOLT & NUT 
IN CENTER SLOT AND 1/4-20x9/16" 
TRACK BOLT & 1/4-20 HEX NUT 
THROUGH ANY TWO ALIGNED HOLES.

13 GA COMMERCIAL 'X' FRAME 
TOP BRACKET ATTACHED WITH 
(4) 1/4-14x7/8" SELF 
DRILLING CRIMPITE SCREWS

ADD (2) 1/4-14x7/8" 
SELF DRILLING CRIMPITE SCREWS 
(INSIDE OF EACH END HINGE)

2" NYLON WINDLOAD ROLLER 
WITH 4-1/2" STEM

14 GA WIDE BODY END 
HINGE ATTACHED WITH (4) 
1/4-14x7/8" SELF DRILLING 
CRIMPITE SCREWS

18 GA NARROW BODY 
INTERMEDIATE HINGE 
ATTACHED WITH (4) 
1/4-14x7/8" SELF DRILLING 
CRIMPITE SCREWS

14 GA BOTTOM BRACKET 
ATTACHED WITH (2) 
1/4-14x7/8" SELF DRILLING 
CRIMPITE SCREWS AND (1) 
1/4-14x5/8" SELF DRILLING 
BOX TAMPER RESISTANT SCREW

CONCRETE MOUNTING DETAIL

PRODUCT RENEWED 
as complying with the Florida 
Building Code 
CFDA No. 
17-0516.01 
Expiration Date 09/27/2022

Wayne Dalton Professional Product Control
1. Based on 3/8" Simpson Titen Heavy Duty Screw Anchors with a 1" O.D. Washer into Concrete with a minimum embedment depth of 2–3/4" and a minimum end distance of 2–3/4".

2. Based on 3/8" Simpson Titen Heavy Duty Screw Anchors with a 1" O.D. Washer into Grout Filled CMU with a minimum embedment depth of 2–3/4", a minimum edge distance of 4", and a minimum end distance of 4".

3. Based on 3/8" diameter x 3" long lag screws with a 1" O.D. Washers with a 1/4-20 x 3/4" Thread Penetration into Seasoned Dry Wood Supporting Structure.

4. Provide quantity of screw anchors or lag screws as required to maintain maximum spacing as shown in Table with a minimum of three (3) screw anchors or lag screws per Jamb. Screw anchors or lag screws at top and bottom of Jamb shall be placed a maximum of 6" from the end of the Jamb.

5. Load per Jamb calculated to be a maximum of +207.0/-234.0 lbs per foot.

6. Chart includes a safety factor of 1.

7. Door Jamb to be minimum 2 x 6 No. 3 Southern Pine Lumber (MIN) mounted directly to support structure.

8. Design of the support structure shall be the sole responsibility of the building designer and shall be designed for the loads listed in note 5.

9. Screw anchors or lag screws shall be installed per manufacturer's written instructions.

CONTINUOUS WALL ANGLE DETAILS

PRODUCT RENEWED
as complying with the Florida Building Code
NOA-No. 17-0516.01
Expiration Date: 09/27/2022

By
Miami-Dade Product Control

13 GA MIN. CONTINUOUS WALL ANGLE

(1) 1/4"-20 TRACK OR CARRIAGE BOLT WITH 1/4"-20 NUT

RSW 0.28" 2

MIN 11 GA CLIP

TYPICAL CLIP WELDING DETAIL

13 GA MIN. CONTINUOUS WALL ANGLE

TYPICAL CLIP BOLTING DETAIL

MIN 11 GA CLIP

CONTINUOUS WALL ANGLE

1/4-20 x 1/4" TRACK BOLT AND 1/4-20 HEX NUT

TRACK CLIP

5/16" LAG SCREW INTO MIN 2 x 6 LUMBER AT EACH HOLE LOCATION

2 3/4" MIN EDGE DIST

3/8" SIMPSON TITEN HD. 2-3/4" MIN EMBEDDED INTO MIN 2000 PSI CONCRETE FOR EACH HOLE LOCATION

3/8" SIMPSON TITEN HD. 2-3/4" MIN EMBEDDED INTO MIN 2000 PSI CONCRETE

1/4" MAX WIDTH

MINIMUM 2 x 6 #3 SOUTHERN PINE LUMBER.

FASTENERS PER TABLE THIS SHEET

WASHERS

MAX SPACING OF ANCHORS/SCREWS PER JAMB (IN)

3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI CONCRETE

3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI GROUT FILLED CMU

3/8" X 3" LONG LAG SCREW

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24

24

WAYNE J. KERNEL LICENSE
No. 779545

WAYNE J. KERNEL PROFESSIONAL ENGINEER
STATE OF FLORIDA

WAYNE J. KERNEL PROFESSIONAL ENGINEER
STATE OF FLORIDA

5391 JACOBSON DR
POMPANO BEACH, FL 33068

WINDLOAD SPECIFICATION OPTION CODE 1300
3D592AB P.4