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: Code 2340 Insulated Steel Sectional Garage Door up to 16'-2” Wide x 8'-0” High with Optional Impact Resistant Glazing

APPROVAL DOCUMENT: Drawing No. 353187, titled “Windload Specification Option Code 2340”, sheets 1 through 7 of 7, dated 04/09/2014, with last revision P1, dated 03/14/2018, prepared by Wayne Dalton, signed and sealed by Dwayne J. Kornish, 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 addresses in Pensacola, FL or Mt. Hope, OH, 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.

LIMITATION: This door has not been tested for air infiltration.

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 revises NOA # 16-0119.08 and 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. 18-0417.07
Expiration Date: December 4, 2019
Approval Date: May 31, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S

A. DRAWINGS “Submitted under NOA # 16-0119.08”

B. TESTS “Submitted under NOA # 14-0204.10”
   1. Addendum letter to Architectural Testing’s test report # C9365.01-801-18, dated 07/07/2014, signed and sealed by Vinu J. Abraham, P.E.
   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, TAS 202-94
      5) Tensile Test per ASTM E8
      along with marked-up drawings and installation diagram of Series 8300, Option Code 2244 (2340), 16’2”x 8’ Sectional Garage Doors, prepared by Architectural Testing, Inc., Test Report No. C9365.01-801-18, dated 09/17/2013, with revision 1 dated 10/10/2013, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS “Submitted under NOA # 14-0204.10”
   1. Structural and anchor calculations prepared by Overhead Door Corporation, dated 06/26/2014, signed and sealed by Mark A. Sawicki, P.E.
   2. Structural and anchor calculations prepared by Overhead Door Corporation, dated 01/28/2014, signed and sealed by Mark A. Sawicki, P.E.

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

E. MATERIAL CERTIFICATIONS “Submitted under NOA # 14-0204.10”
   2. Test report on ignition temperature of BASF polyurethane foam per ASTM D1929, Test Report # 01.17794.01.304, dated 12/20/2012, prepared by Southwest Research Institute, signed by Matthew S. Blais.

Carlos M. Útrera, P.E.
Product Control Examiner
NOA No. 18-0417.07
Expiration Date: December 4, 2019
Approval Date: May 31, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

F. STATEMENTS “Submitted under NOA #16-0119.08”
   1. Statement letter of code conformance to the 5th edition (2014) FBC issued by Overhead Door Corporation, dated 01/16/2016, signed and sealed by Mark A. Sawicki, P.E.

“Submitted under NOA #14-0204.10”
   2. Statement letter of code conformance to 2010 FBC issued by Overhead Door Corporation, dated 01/24/2014, signed and sealed by Mark A. Sawicki, P.E.
   3. Statement letter of no financial interest issued by Overhead Door Corporation, dated 01/24/2014, signed and sealed by Mark A. Sawicki, P.E.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS
   1. Drawing No. 353187, titled “Windload Specification Option Code 2340”, sheets 1 through 7 of 7, dated 04/09/2014, with revision P1 dated 03/14/2018, prepared by Wayne Dalton, signed and sealed by Dwayne J. Kornish, P.E.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 17-1219.02 issued to Covestro, LLC for its Makrolon Poly-carbonate Sheets, approved on 03/22/2018 and expiring on 08/27/2022.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0417.07
Expiration Date: December 4, 2019
Approval Date: May 31, 2018

E - 2
**NOTES:**
1. IMPACT RESISTANT GLAZING OPTION – IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 14" x 46" CUTOUT, FASTENED WITH A MINIMUM #8 X 1" SMS #3X ALONG THE HORIZONTAL AND #3X ALONG THE VERTICAL. THE MINIMUM BITE SHALL BE .375". SEE DETAIL J ON SHEET 4 FOR ASSEMBLY DETAILS.
2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
3. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.
4. LOUVER OPTION – LOUVERS MAY BE INSTALLED IN DOOR IF THE AREA OF EACH LOUVER DOES NOT EXCEED 60 IN². DOOR VENTS LARGER THAN 60 IN² MUST BE TESTED FOR IMPACT.
5. POLYURETHANE FOAM SHALL BE SANDWICHED BETWEEN FACE SHEET HAVING A MINIMUM 26 GA THICKNESS (0-40 W/G) WITH PRIME COAT WITH A MINIMUM YIELD STRENGTH OF 46.8 KSI AND BACKER SHEET HAVING A MINIMUM 29 GA THICKNESS (0-40 W/G) WITH PRIME COAT. OVERALL SECTION THICKNESS SHALL BE MINIMUM 1-5/16".
6. A 4-1/2" x 6" x 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.
7. 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.
8. DOOR JAMB TO BE MINIMUM 2X6 STRUCTURAL GRADE LUMBER.
9. 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"-14X7/8" SELF DRILLING CRIMPITTE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.
10. DOOR WITHOUT POST SYSTEM HAS BEEN TESTED TO WITHSTAND DESIGN PRESSURES CORRESPONDING TO A 75 MPH WIND SPEED (+/-14.40 PSF). POST SYSTEM SHALL BE INSTALLED WHEN WIND SPEEDS ARE EXPECTED TO EXCEED 75 MPH.

**SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE**

<table>
<thead>
<tr>
<th>MAX DOOR WIDTH</th>
<th>MAX DOOR HEIGHT</th>
<th>UNIFORM LOAD EACH JAMB (PLF)</th>
<th>POINT LOAD AT HEADER AND SLAB AT EACH POST LOCATION (LBS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16'-0&quot;</td>
<td>7'-0&quot;</td>
<td>+139.4-/-157.6</td>
<td>+1845.9/-/2072.6</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>+139.4-/-157.6</td>
<td>+1917.3/-/2167.4</td>
<td></td>
</tr>
<tr>
<td>14'-2&quot;</td>
<td>7'-0&quot;</td>
<td>+122.7/-/138.1</td>
<td>+1476.4/-/1669.0</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>+122.7/-/138.1</td>
<td>+1680.1/-/1899.2</td>
<td></td>
</tr>
<tr>
<td>12'-0&quot;</td>
<td>7'-0&quot;</td>
<td>+104.9/-/118.6</td>
<td>+1277.0/-/1433.4</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>+104.9/-/118.6</td>
<td>+1429.9/-/1631.1</td>
<td></td>
</tr>
<tr>
<td>10'-0&quot;</td>
<td>7'-0&quot;</td>
<td>+128.1/-/144.8</td>
<td>+1770.0/-/2030.5</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>+128.1/-/144.8</td>
<td>+1339.4/-/1514.0</td>
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</tr>
</tbody>
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**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 ± 2&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'-0&quot;</td>
<td>4</td>
<td>7</td>
<td>2&quot; (J-B-US), 10&quot; (J-B-US), 21-3/4&quot; (J-B-US), 29-3/4&quot; (J-B-US), 39&quot; (J-B-US), 48&quot; (J-B-US), 57-1/4&quot; (J-B-US)</td>
</tr>
<tr>
<td>7'-0&quot;</td>
<td>4</td>
<td>7</td>
<td>2&quot; (J-B-US), 10&quot; (J-B-US), 21-3/4&quot; (J-B-US), 29-3/4&quot; (J-B-US), 42&quot; (J-B-US), 52-1/2&quot; (J-B-US), 63-1/4&quot; (J-B-US)</td>
</tr>
<tr>
<td>7'-6&quot;</td>
<td>4 OR 5</td>
<td>8</td>
<td>2&quot; (J-B-US), 10&quot; (J-B-US), 18-3/4&quot; (J-B-US), 26-3/4&quot; (J-B-US), 36&quot; (J-B-US), 45&quot; (J-B-US), 54-1/4&quot; (J-B-US), 74-1/4&quot; (J-B-US)</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>4 OR 5</td>
<td>8</td>
<td>2&quot; (J-B-US), 10&quot; (J-B-US), 21-3/4&quot; (J-B-US), 29-3/4&quot; (J-B-US), 39&quot; (J-B-US), 48&quot; (J-B-US), 57-1/2&quot; (J-B-US), 75-1/2&quot; (J-B-US)</td>
</tr>
</tbody>
</table>

**NOTE:**
- (J-B-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20X9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

**PRODUCT REVISED**
as complying with the Florida Building Code
NOA-No. 18-0417.07
Expiration Date 12/04/2019
By
Miami-Dade Product Control

**STATE PRESSURE RATING**

<table>
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<tr>
<th>PRESSURE RATING</th>
<th>APPROVED SIZES</th>
<th>SCALE N.T.S.</th>
<th>SIZE</th>
<th>DESIGN (PSF)</th>
<th>+400/-/-00</th>
<th>MAX WEIGH</th>
<th>DRAWN</th>
<th>DATE</th>
<th>REV</th>
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<tbody>
<tr>
<td>WINDLOAD SPECIFICATION OPTION CODE 2340</td>
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**WAYNE DALTON GARAGE DOORS**

**WINDLOAD SPECIFICATION OPTION CODE 2340**

**REVISIONS**

**IN LOADING THE BLOCK**

**DATE**

<table>
<thead>
<tr>
<th>DRAFT</th>
<th>SHEET</th>
<th>SHEET 1 OF 2</th>
<th>DATE</th>
<th>STATE</th>
<th>DATE</th>
<th>SHEET</th>
<th>RED</th>
<th>RED</th>
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</thead>
</table>

**DRAWER PART NO.**

<table>
<thead>
<tr>
<th>NO.</th>
<th>RED</th>
</tr>
</thead>
<tbody>
<tr>
<td>353187</td>
<td>P1</td>
</tr>
</tbody>
</table>
(5) SECTION DOORS WITH
(8) 3" x 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

HEADER LOCK BRACKET
TO SECURE TOP OF
POST FOR STORAGE

(4) SECTION DOORS WITH
(6) 3" x 18 GA 80 KSI U-BARS
LOCATED AS SHOWN

CORROSION RESISTANT
CHAINS, TYP.

HALF HINGE TO SECURE
BOTTOM OF POST FOR
STORAGE

ALL U-BARS SHALL BE
ATTACHED WITH (2)
1/4"-14 x 7/8" SELF
DRILLING CRIMPITTE
SCREWS AT EACH HINGE
LOCATION AND BETWEEN
ALL END HINGES AND
INTERMEDIATE HINGES. A
MINIMUM OF (14)
FASTENERS ARE TO BE
USED.

POST SYSTEM STORAGE

NOTE: POST SYSTEM SHALL BE STORED IN A
CONVENIENT LOCATION AS CLOSE TO GARAGE DOOR
AS POSSIBLE.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No.
18-0417.07
Expiration Date 12/04/2019
By
Miami-Dade Product Control

Wayne Dalton
GARAGE DOORS
6380 Weatherby Lane
Daytona Beach, Florida 32118
(800) 374-8585

WIND LOAD SPECIFICATION OPTION CODE 2340
353187
PT1
SEE DETAILS 1, 2, AND 3 - REQUIRED FOR VERTICAL POST REINFORCING SYSTEMS.

MINIMUM 2x6 #3 SOUTHERN PINE LUMBER.


DETAIL 1
MINIMUM 2000 PSI CONCRETE

MINIMUM 2x6 #3 SOUTHERN PINE LUMBER.

(4) 3/8" DIA. x 3" LONG LAG SCREWS WITH 1-1/4" O.D. WASHERS.

DETAIL 3
WOOD SUPPORT STRUCTURE

MINIMUM 2x6 #3 SOUTHERN PINE LUMBER.


DETAIL 2
MINIMUM 2000 PSI GROUT FILLED CMU

FASTENERS PER TABLE SHEET 7

1/2" MAX WIDTH

MAX WIDTH 1/2"