Haas Door Company
320 Sycamore Street
Wauseon, OH 43567

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: Series PAN 2000 & 2400 Steel Sectional Garage Door up to 16'-2" Wide with Optional EPS Insulation

APPROVAL DOCUMENT: Drawing No. WL-2000-0194-08-48-52M-D, titled “16’-2” PAN 2000 & 2400 Series HVHZ Wind Load Sectional Door”, sheets 1 through 3 of 3, dated 03/11/2015, with revision B dated 10/25/2017, prepared by Haas Door Company, signed and sealed by John E. Scates, 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 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 #17-0313.08 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. 17-1023.11
Expiration Date: February 11, 2021
Approval Date: December 21, 2017
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE Submitted

1. EVIDENCE Submitted UNDER PREVIOUS NOA's

A. DRAWINGS "Submitted under NOA #17-0313.08"

B. TESTS "Submitted under NOA #15-1104.01"
   1. 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 Resistance Test, per TAS 202-94
      along with marked-up drawings and installation diagram of 16'-2" wide x 8' height Pan 2000 Series Sectional Steel Garage Doors, prepared by Intertek/ATI, Test Report No. E1289.05-550-18, dated 01/07/2015, signed and sealed by Justin P. McDonald, P.E.

C. CALCULATIONS "Submitted under NOA #15-1104.01"
   1. Anchor calculations prepared by JB&B Engineering Consultants, LLC, dated 07/01/2015, signed and sealed by Thomas D. Sullivan, P.E.

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

E. MATERIAL CERTIFICATIONS "Submitted under NOA #15-1104.01"
   2. Test report on Self-Ignition Temperature per ASTM D1929 of Type I EPS, prepared by Intertek Testing Services, NA, Test Report No. 3094867SAT-002, dated 04/04/2006, signed by C. Anthony Peñaloza, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 17-1023.11
Expiration Date: February 11, 2021
Approval Date: December 21, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS “Submitted under NOA #17-0313.08”
   2. Statement letter of no financial interest issued by JB&B Engineering Consultants, LLC, dated 02/27/2017, signed and sealed by Thomas D. Sullivan, P.E.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

B. TESTS
   1. None.

C. CALCULATIONS
   1. Anchor calculations, dated 10/27/2017, prepared, signed and sealed by John E. Scates, P.E.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
   2. Statement letter of no financial interest, dated 10/27/2017, issued, signed and sealed by John E. Scates, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 17-1023.11
Expiration Date: February 11, 2021
Approval Date: December 21, 2017

E - 2
This product has been tested per TAS200-94 for static air pressure.
This product has been tested per TAS201/203-94 for large missile impact and cyclic wind pressure.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Door Height</th>
<th>Total No. of Sections</th>
<th>Total No. of Frames</th>
<th>Jambr Side/Flush</th>
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<tbody>
<tr>
<td></td>
<td>6'-0&quot;</td>
<td>3</td>
<td>3</td>
<td>S/E</td>
</tr>
<tr>
<td></td>
<td>6'-0&quot;</td>
<td>4</td>
<td>4</td>
<td>S/E</td>
</tr>
<tr>
<td></td>
<td>6'-0&quot;</td>
<td>6</td>
<td>6</td>
<td>S/E</td>
</tr>
<tr>
<td></td>
<td>6'-0&quot;</td>
<td>4</td>
<td>4</td>
<td>S/E</td>
</tr>
<tr>
<td></td>
<td>6'-0&quot;</td>
<td>4</td>
<td>4</td>
<td>S/E</td>
</tr>
<tr>
<td></td>
<td>7'-0&quot;</td>
<td>4</td>
<td>4</td>
<td>S/E</td>
</tr>
<tr>
<td></td>
<td>7'-0&quot;</td>
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<td>4</td>
<td>S/E</td>
</tr>
<tr>
<td></td>
<td>7'-0&quot;</td>
<td>5</td>
<td>5</td>
<td>S/E</td>
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<tr>
<td></td>
<td>7'-0&quot;</td>
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<td>S/E</td>
</tr>
<tr>
<td></td>
<td>8'-0&quot;</td>
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<td>S/E</td>
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<tr>
<td></td>
<td>8'-0&quot;</td>
<td>4</td>
<td>4</td>
<td>S/E</td>
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</table>

NOTICE: These drawings are a supplement to the installation instructions for a standard door and only covers those procedures that rely on this specific procedure. If these specific procedures are not followed, the door may not perform as designed.

**PRODUCT REVISED**

<table>
<thead>
<tr>
<th>NO.</th>
<th>DATE</th>
<th>REASON</th>
<th>DRAWN BY</th>
<th>DESIGNED BY</th>
<th>REV.</th>
<th>SHEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>51737</td>
<td>3/10/05</td>
<td>AS/NZS 1906.1</td>
<td>W.M.</td>
<td>B</td>
<td>3</td>
<td>13</td>
</tr>
</tbody>
</table>

**Jamb Bracket quantities shown are for use with grade 2 or better southern pine joists.**

Supporting structural element designs are to be the responsibility of the professional of record for the building or structure for the loads listed on this drawing.

**NOTICE:**

The maximum height of the jamb is 24 in. The maximum door height is 16 ft.

All doors, even those above the tested height, are available with jamb brackets or commercial full door. The quantity and dimensional location of the jamb brackets/track clips and the jamb mounting shown above should be maintained.

**PRODUCT REVISED**

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MODEL NUMBERS

MODEL NUMBERS AVAILABLE

PAN C2000 SERIES
PAN C2400 SERIES
PAN C2410 & R2410 SERIES
PAN C2460 & R2460 SERIES
PAN C2461 & R2461 SERIES
PAN C2471 & R2471 SERIES
PAN C2472 & R2472 SERIES
PAN C2480 & R2480 SERIES
PAN C2481 & R2481 SERIES
PAN C2482 & R2482 SERIES

FASTENER TO CONTINUE PAST HEADER

OPENING HEIGHT

MAXIMUM ON CENTER SPACING

FIRST FASTENER 4" TO 8" ABOVE THE FLOOR

OPENING WIDTH

WOOD JAMBS ATTACHMENT

<table>
<thead>
<tr>
<th>Building Structure</th>
<th>Fastener Type</th>
<th>Minimum Embedment</th>
<th>Minimum Distance To Center Of Header</th>
<th>Minimum Distance To Center Of Spacing</th>
<th>Maximum Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. 2000 PSI Concrete</td>
<td>Exterior 11⁄4&quot; w' 7/8&quot; washer</td>
<td>1 3/4&quot;</td>
<td>2 1/2&quot;</td>
<td>4&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td>Southern Pine (12 = 0.56)</td>
<td>Exterior 3⁄8&quot; w' 1/16&quot; washer</td>
<td>1 1/2&quot;</td>
<td>1 1/2&quot;</td>
<td>4&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td>Southern Pine (12 = 0.42)</td>
<td>Exterior 3⁄8&quot; w' 1/16&quot; washer</td>
<td>1 1/2&quot;</td>
<td>1 3/4&quot;</td>
<td>4&quot;</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

NOTE: Door mounted to the wall must be Southern Pine Grade 2 or better.