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 HT 5000 Insulated Aluminum Sectional Garage Door up to 9'-2" Wide

**APPROVAL DOCUMENT:** Drawing No. WL-5000-0110-08-65-74M-D, titled "9'-2" HT 5000 Aluminum 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 #17-0313.07 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. 17-1023.10  
Expiration Date: February 18, 2021  
Approval Date: December 21, 2017  
Page 1
Haas Door Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS "Submitted under NOA #17-0313.07"
   1. Drawing No. WL-5000-0110-08-65-74M-D, titled "9'-2" HT 5000 Aluminum Series H Vish Wind Load Sectional Door", sheets 1 through 3 of 3, dated 03/11/2015, with revision A dated 01/20/2017, prepared by Haas Door Company, signed and sealed by Thomas D. Sullivan, P.E.

B. TESTS "Submitted under NOA #15-0721.10"
   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 9'-2" wide x 8" height HT 5000 Series Aluminum Sectional Garage Doors, prepared by Intertek/ATI, Test Report No. E1289.07-550-18, dated 02/04/2015, signed and sealed by Justin P. McDonald, P.E.
   2. Test report on Tensile Test per ASTM E8, of steel sheets, prepared by Intertek/ATI, Test Report No. E1289.13-106-18, dated 02/26/2015, signed and sealed by Gary T. Hartman, P.E.

C. CALCULATIONS "Submitted under NOA #15-0721.10"
   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 #17-0313.07"
   1. Test report on Surface Burning Characteristics of the Rubitherm WP 19669 polyurethane foam insulation per ASTM E84, prepared by QAI Laboratories, Test Reports No. RJ5251F-1 and RJ5251F-2, both dated 01/26/2017, signed and sealed by V. Andrew Tan, P.E.
   2. Test report on Ignition Temperature of Plastics of the Rubitherm WP 19669 polyurethane foam insulation per ASTM D1929, prepared by QAI Laboratories, Test Report No. RJ5255F-1, dated 02/02/2017, signed and sealed by V. Andrew Tan, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 17-1023.10
Expiration Date: February 18, 2021
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS "Submitted under NOA #17-0313.07"
   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
   1. Drawing No. WL-5000-0110-08-65-74M-D, titled “9’-2” HT 5000 Aluminum 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.

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. 17-1023.10
Expiration Date: February 18, 2021
Approval Date: December 21, 2017

E - 2
NOTE: Track configuration above the door opening does not affect the wind load rating of the door.

SINGLE STEEL END STILE
16 Ga Galvanized Steel
Detail M (sheet 2 of 3)

Flag Bracket
Detail H (sheet 2 of 3)

Jamb Bracket
Detail F (sheet 2 of 3)

SINGLE STEEL END STILE
16 Ga Galvanized Steel
Detail M (sheet 2 of 3)

Slide Lock Shown Detail G or
Lock Bar Detail J (sheet 2 of 3)

Intermediate Hinge
Detail D (sheet 2 of 3)

Strut & Strut Attachment
Detail E (sheet 2 of 3)

End Hinge
Detail B (sheet 2 of 3)

Tic Bracket
Detail A (sheet 2 of 3)

Top Bracket
Detail A (sheet 2 of 3)

Maximum Door Width 9' - 2"
End & Intermediate Stiles (Backers)

Detail L (sheet 2 of 3)

See chart below for other door heights

Door Height 6' - 0" Tested

See chart below for other door heights

Bottom Bracket
Detail C (sheet 2 of 3)

Jamb bracket quantities shown are for use with grade 2 or better southern pine jamb.

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: These drawings are a supplement to the installation instructions for a standard door and only cover those procedures that vary from standard door installation. If these specific procedures are not followed, the door may not perform as designed.

Maximum section height is 24 in.

Maximum door height is 18 ft.

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

<table>
<thead>
<tr>
<th>Building Structure</th>
<th>Fastener Type</th>
<th>Minimum Spacing</th>
<th>Minimum Edge Distance</th>
<th>Maximum Spacing</th>
<th>Maximum Edge Distance</th>
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</thead>
<tbody>
<tr>
<td>Min. 3000 PSI Concrete</td>
<td>Tapered 1/4&quot; w/ 1&quot; OD washer</td>
<td>1 3/4&quot;</td>
<td>2 1/2&quot;</td>
<td>4&quot;</td>
<td>16&quot;</td>
</tr>
<tr>
<td>Southern Pine (k = 0.50)</td>
<td>5/16&quot; Lag w/ 1/8&quot; OD washer</td>
<td>1 1/2&quot;</td>
<td>1 1/2&quot;</td>
<td>4&quot;</td>
<td>16&quot;</td>
</tr>
<tr>
<td>Square Pine (k = 0.42)</td>
<td>5/16&quot; Lag w/ 1/8&quot; OD washer</td>
<td>1 1/2&quot;</td>
<td>1 1/2&quot;</td>
<td>4&quot;</td>
<td>16&quot;</td>
</tr>
</tbody>
</table>

NOTE: 2066 mounted to the wall must be Southern Pine Grade 2 or better.

FASTENER TO CONTINUE PAST HEADER

2 x 6 Grade 2 or Better Southern Pine Jambs.
SEE CHART FOR WOOD JAMB ATTACHMENT TO BUILDING STRUCTURE.

OPENING HEIGHT

MAXIMUM CENTER SPACING

FIRST FASTENER 6" to 8" ABOVE THE FLOOR

OPENING WIDTH

MODEL NUMBERS

MODEL NUMBERS AVAILABLE

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HT 6_10 SERIES</td>
<td></td>
</tr>
<tr>
<td>HT 6_12 SERIES</td>
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<tr>
<td>HT 6_14 SERIES</td>
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<td>HT 6_16 SERIES</td>
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<tr>
<td>HT 6_70 SERIES</td>
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<tr>
<td>HTS_80 SERIES</td>
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</tbody>
</table>

PRODUCT REVISED
as complying with the Florida Building Code
NoA.No.: 17-1023.10
Expiration Date 02/18/2021

By Miami-Dade Product Control

John E. Sceats, P.E.
2360 King Arthur Blvd Ste 124-54
Louisville, Texas 75155
Florida, P.E. # 51737

IMPACT RESISTANT
This product has been evaluated for use in the High Velocity Hurricane Zone (HVHZ).

96" HIT 5000 ALUMINUM SERIES
HVE2 WIND LOAD SECTIONAL DOOR DESIGN PRESSURE +60/-30 Psf

DESIGN NO: W/L-0900-0194-8445-704-D HTS_6
MANUFACTURER: YKK

SHEET 3 OF 8