Clopay Building Products Company
8585 Duke Boulevard
Mason, OH 45040

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: Classic Single Car Steel Pan W9 DP62 Sectional Garage Door up to 9'-0” Wide w/ Optional Impact Resistant Glazing

APPROVAL DOCUMENT: Drawing No. 104847, titled “Single Car W9 Pan Door”, sheets 1 through 3 of 3, dated 05/20/2015, with revision 4 dated 07/18/2017, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E. on 07/11/2018, bearing the Miami-Dade County Product Control renewal 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 cause for termination and removal of NOA.

LIMITATION: This approval requires the manufacturer to do testing of all coils used to fabricate door panels. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Miami-Dade County approved laboratory. Every 3 months, the manufacturer shall mail to this office a copy of the tested reports. Only coils with average yield strength of 34,000 psi or more shall be used to make door panels for Miami-Dade County under this Notice of Acceptance.

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 renews NOA # 17-0809.26 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.
The submitted documentation was reviewed by Carlos M. Utrera, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. Evidence submitted under previous NOA's

A. DRAWINGS “Submitted under NOA #15-0622.09”
   1. Drawing No. 104847, titled “Single Car W9 Pan Door”, sheets 1 through 3 of 3, dated 05/20/2015, with revision 03 dated 08/11/2015, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E.

B. TESTS “Submitted under NOA #15-0225.18”
   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 Test, per FBC, TAS 202-94
      5) Tensile Test per ASTM E8
      Along with marked-up drawings and installation diagram of Clopay 9’x 8’, 24 ga. steel garage door Model 94W9 with windows, prepared by American Test Lab, Inc., Test Report No. ATLNC 1202.01-13, dated 09/03/2014, signed and sealed by David W. Johnson, P.E.
      “Submitted under NOA # 08-0724.04”
   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 Clopay 9’x 8’, 24 ga. steel garage door Model 94W9 with windows, prepared by American Test Lab, Inc., Test Report No. ATLNC 0610.01-08, dated 07/16/2008, signed and sealed by David W. Johnson, P.E.

C. CALCULATIONS “Submitted under NOA #15-0622.09”
   1. Anchor calculations prepared by Clopay Building Products Company, dated 06/01/2015, signed and sealed by Mark Westerfield, P.E.
      “Submitted under NOA # 08-0724.04”

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

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 18-0716.02
Expiration Date: September 25, 2023
Approval Date: August 16, 2018

E - 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS “Submitted under NOA #07-0807.14”
   2. Test report on Self-Ignition Temperature per ASTM D1929, Rate of Burn per ASTM D635, and Smoke Density per ASTM D2843 of the Lexan Plastic, prepared by ETC Laboratories, Test Report No. ETC-06-1024-17496.0, dated 05/26/2006, signed by Joseph L. Doldan, P.E.

F. STATEMENTS “Submitted under NOA #15-0622.09”
   2. Statement letter of no financial interest issued by Clopay Building Products Company, dated 06/01/2015, signed and sealed by Mark Westerfield, P.E.

2. Evidence submitted under NOA #17-0809.26

A. DRAWINGS
   1. Drawing No. 104847, titled “Single Car W9 Pan Door”, sheets 1 through 3 of 3, dated 05/20/2015, with revision 4 dated 07/18/2017, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, 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. None.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 18-0716.02
Expiration Date: September 25, 2023
Approval Date: August 16, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS

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. None.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 18-0716.02
Expiration Date: September 25, 2023
Approval Date: August 16, 2018
CLOPAY MODELS 94, 84A, 93, 4F, HOLMES MODEL 48

16 GA. GALVANIZED END STILES ATTACHED TO DOOR SKIN WITH PATENTED TG/L-LOC SYSTEM (TWO TOP RAIL AND TWO BOTTOM RAIL, FOUR VERTICALLY ON 18" SECTIONS AND SIX VERTICALLY ON 21" SECTIONS) AND SEPARATE 18 GA. GALV. INNER DOUBLE END STILES ATTACHED TO TOP AND BOTTOM RAIL WITH PATENTED TG/L-LOC SYSTEM (TWO TOP RAIL AND TWO AT BOTTOM RAIL).

ONE INTERMEDIATE STILE BETWEEN EACH EMBOSSEL LOCATION, ATTACHED W/ PATENTED TG/L-LOC SYSTEM (TWO TOP RAIL & TWO BOTTOM RAIL) AND URETHANE ADHESIVE (ALONG CENTER).

18-1/2" X 11" (OLC) IMPACT RESISTANT GLAZING. SEE SECTION B-B.

T-STRUT. SEE SECTION A-A FOR DETAILS.

LOCK POSITION (50TH SIDE).

MAX. DOOR HEIGHT = 8'-0"
MAX. DOOR HEIGHT = 12'-0"

1/2" OVERLAP

OUTSIDE HANDLES.

OUTSIDE KEYED LOCK WITH SNAP-LATCH LOCK OPTION.

PRODUCT RENEWED as complying with the Florida Building Code
NOA-No. 18-0716.02
Expiration Date 09/25/2023

By
Miami-Dade Product Control

IMPACT-RESISTANT GLAZING DETAILS

OUTSIDE KEYED LOCK WITH SNAP-LATCH LOCK OPTION.

INSIDE SIDE BOLT LOCK OPTION.

SLIDE BOLT LOCK ENGAGES INTO VERTICAL TRACK. ONE LOCK ON EACH SIDE OF DOOR.

SNAP LATCH ENGAGES ONTO VERTICAL TRACK. ONE SNAP LATCH ON EACH SIDE OF DOOR.

THIS PRODUCT CONFORMS TO THE REQUIREMENTS OF THE 2010 FBC, THE FIFTH EDITION FBC, AND THE SIXTH EDITION FBC.

MANUFACTURING PRODUCT CODE
FAN-27443

DESIGN LOADS: +62.0 P.S.F. & -72.0 P.S.F.

DESIGN ENGINEER:
SCOTT HAMILTON, P.E.

STATE OF FLORIDA LICENSE:
032868

STATE OF FLORIDA LICENSE:
632868

SNAP IN INSERT.

MULTIPURPOSE HIGH DENSITY TAPE.

POLYSTYRENE RETAINER FASTENED TO FRAME WITH (10) #8 X 1/4" PAN HEAD MACHINE SCREWS.

OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.

OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.

3/16" THICK IMPACT RESISTANT ONE-PIECE CASTING. MOLDED SBIIC INNOVATIVE PLASTICS LEXAN SLIDING FRONT FRAME & GLAZING.
JAMB TO SUPPORTING STRUCTURE ATTACHMENT

NOTES:
1. All load from the door is transferred to the track and then from the track to the 2x6 vert. trim, stop, garage or better jams. No load from the door is transferred to the horizontal (top) jamb.
2. Each vertical jamb sees a maximum design load of 279 lb & 324 lb per linear foot.
3. All jamb fasteners may be (but are not required to be) countersunk to provide a flush mounting surface.
4. A 1/3 stress increase for wind load was not used in the calculation of allowable load for anchors and fasteners for steel, concrete, and masonry.

PREPARATION OF JAMBS BY OTHERS

Note: The design of the supporting structural elements shall be the responsibility of the professional of record for the building of structure and in accordance with current building codes for the loads listed on this drawing.

2X6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

(Not to be used for attachment of track angle to 2x6 vertical jams on supporting structure)

<table>
<thead>
<tr>
<th>BUILDING TYPE</th>
<th>FASTENER TYPE</th>
<th>MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS</th>
<th>STEEL WASHERS REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hollow CMU Block Wall</td>
<td>1/4&quot; x 1/4&quot; Min. Embed Ultracem Concrete Anchor</td>
<td>6&quot;</td>
<td>2 1/2&quot; O.D.</td>
</tr>
<tr>
<td>Grout-filled CMU Block</td>
<td>1/4&quot; x 1/4&quot; Min. Embed Ultracem Concrete Anchor</td>
<td>9-3/4&quot;</td>
<td>3 1/2&quot;</td>
</tr>
<tr>
<td>2000 PSI Min Concrete</td>
<td>1/4&quot; x 1/4&quot; Min. Embed Ultracem Concrete Anchor</td>
<td>9-3/4&quot;</td>
<td>3 1/2&quot;</td>
</tr>
<tr>
<td>2000 PSI Min Concrete</td>
<td>1/4&quot; x 1/4&quot; Min. Embed Tabcon Concrete Anchor</td>
<td>9-3/4&quot;</td>
<td>3 1/2&quot;</td>
</tr>
<tr>
<td>2000 PSI Min Concrete</td>
<td>3/8&quot; x 3/8&quot; Min. Embed Vulcanite Sleeve Anchor</td>
<td>12&quot;</td>
<td>Included</td>
</tr>
<tr>
<td>4000 PSI Min Concrete</td>
<td>3/8&quot; x 3/8&quot; Min. Embed Vulcanite Sleeve Anchor</td>
<td>24&quot;</td>
<td>Included</td>
</tr>
<tr>
<td>Void Fill &lt;15 (500 sq ft)</td>
<td>1/2&quot; x 3&quot; Lag Screw (ASTM A307, Grade A, 1-5/8&quot; Embed into Structure)</td>
<td>19-1/2&quot;</td>
<td>3&quot;</td>
</tr>
</tbody>
</table>
CLOPAY MODELS 94, 84A, 93, 4F, HOLMES MODEL 48

2" TRACK CONFIGURATION

DOOR COUNTERBALANCE SYSTEM

NOTE: TRACK CONFIGURATION ABOVE THE DOOR OPENING DOES NOT AFFECT THE WIND LOAD RATING OF THE DOOR.

13 GA GALV. STEEL, FLAG BRACKET ATTACHED TO JAMB WITH (2) 5/16" X 1-5/8" LAG SCREWS AND TO TRACK WITH (2) 1/4" RIVETS.

AS REQUIRED, SPACING NOT TO EXCEED 14" O.C.

2" GALV. STEEL TRACK, TRACK THICKNESS: 0.003".

TYP: 2-1/2" X 1/2" GALV. STEEL TRACK BRACKETS, ATTACHED TO JAMB WITH (1) 5/16" X 1-5/8" LAG SCREW PER TRACK BRACKET.

DOOR HEIGHT: 8' 0"

- 8'-0" - 8'-4"
- 8'-8"
- 9'-2"
- 9'-6"
- 10'-2"
- 10'-6"
- 12'-0"
- 14'-4"
- 16'-0"
- 18'-0"
- 20'-0"

2" STEEL LONG STEM ROLLER WITH NYLON TIP, 7-1/2" LONG.

PREPARATION OF JAMBS BY OTHERS

LHR BRACKET (2-1/2" X 3-3/4" X 12GA) ATTACHED WITH (2) 1/4" X 3/4" SELF TAPPING SCREWS.

SECTION C-C

OPTIONAL STOP MOLDING BY INSTALLER (TO SUIT).

16 GA. X 3-1/8" GALV. STEEL END STILE
18 GA. X 2-5/8" GALV. STEEL DOUBLE END STILE
20 GA. GALV. STEEL, INTER STILE (1) INTER. STILE BETWEEN EACH EMBOSSE.
18 GA. GALV. STEEL CENTER HINGE FASTENED TO INTER. STILES W/4 EACH #8 X 1-1/2" SHEET METAL SCREWS.
2" GALV. STEEL TRACK FASTENED TO 12 GA. STEEL TRACK BRACKETS, TRACK ATTACHED TO EACH BRACKET WITH TWO 1/4" RIVETS OR END 2" BOLT & NUT.

7/8" PULLEY FASTENER INSTALLED ON ROLLER SHAFT FOR UNRESTRICTED DOOR OPERATION.

14 GA GALV. STEEL, ROLLER HINGES FASTENED TO END STILES 4 each #14 X 3/4" SHEET METAL SCREWS AND (2) 1/4" SELF TAPPING SCREWS PER ROLLER HINGE.

PRODUCT RENEWED as complying with the Florida Building Code NOA-No. 18-0716.02 Expiration Date 09/25/2023 By Miami-Dade Product Control

DESIGN LOADS: +62.0 P.S.F. & -72.0 P.S.F.

MANUFACTURING PRODUCT CODE PAN-2143

DESCRIPTION: SINGLE CAR W9 PAN DOOR

DRAWN BY: SH DATE: 10/7/13 SCALE: 1/50 SHEET 3 OF 3 SIDE B

CHECKED BY: MW DATE: 2/20/15 SHEET 3 OF 3 SIDE B

VER: M-D