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: Modern 2" Intellicore W8 DP54T Steel Sectional Garage Door up to 9'-2"
Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. 105024, titled “Modern Steel 2" Intellicore +54/-62 psf to 9’2” Wide”, sheets 1 through 4 of 4, dated 06/15/2016, with revision 2 dated 07/18/2017, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, 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 purpose shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be 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 30,000 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 revises NOA #16-0627.02 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.
NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER NOA #16-0627.02

A. DRAWINGS
1. Drawing No. 105024, titled “Modern Steel 2” Intellicore +54/-62 psf to 9’2” Wide”, sheets 1 through 4 of 4, dated 06/15/2016, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E.

B. TESTS
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 9’x 8”, 27ga (0.016”) steel garage doors Model 9202W6 with Lexan polycarbonate windows, prepared by American Test Lab, Inc., Test Report No. ATLNC 0824.02-15, dated 09/01/2015, signed and sealed by David W. Johnson, 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 16’2”x 8”, 27ga steel garage door Model GD2LPW8 with MAK SL and/or MAK 15 windows, prepared by American Test Lab, Inc., Test Report No. ATLNC 1105-01-13, dated 01/14/2014, signed and sealed by David W. Johnson, P.E.

3. Test report on Salt Spray per ASTM B117 of painted G40 galvanized painted and G90 panels, prepared by Fenestration Testing Laboratory, Inc., Test Report No.7890, dated 10/01/2014, signed by Idalnis Ortega, P.E.

C. CALCULATIONS
1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 06/15/2016, signed and sealed by Mark Westerfield, 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 17-0809.31
Expiration Date: August 4, 2021
Approval Date: November 30, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS
   2. Notice of Acceptance No. 17-0410.01 issued to Covestro LLC for their Makrolo Polycarbonate Sheets, approved on 06/08/2017, expiring on 08/27/2022.
   3. Test report on Surface Burning Characteristics, per ASTM E84 of the polyurethane foam insulation, prepared by QAI Laboratories, Test Report No. RJ2814-3, dated 10/14/2013, signed by Greg Banasky.

F. STATEMENTS
   2. Statement letter of no financial interest issued by Clopay Building Products Company, dated 06/15/2016, signed and sealed by Mark Westerfield, P.E.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS
   1. Drawing No. 105024, titled “Modern Steel 2” Intelicore +54/-62 psf to 9’2” Wide”, sheets 1 through 4 of 4, dated 06/15/2016, with revision 2 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 17-0809.31
Expiration Date: August 4, 2021
Approval Date: November 30, 2017
Optional impact resistant glazing. Maximum cladding size (DUC) is 38-1/4"x13-1/4". Glazing may be in short panel or long panel. See section B/B on sheet 2 for details. Glazing may be included in any location in any or all sections.

- 20 ga. Backer external plate at each intermediate hinge location, attached with double sided acrylic adhesive to back of door.
- 1/4"x3/4" self-tapping screws
- 1/4"x5/8" sheet metal screws
- 14 ga. end hinges, 18 ga. intermediate hinge
- Snap latch engages on vertical track, one latch on each side of door.
- Slide bolt lock engages into vertical track, one lock on each side of door.

This product conforms to the requirements of the 2010 IRC, the fifth edition IRC, and the sixth edition IRC.

Representative glazing patterns.

Glazing may be in any location in any or all sections. These patterns are representative of the approved configurations. Not all configurations are available as standard product. Consult factory for details.

Design loads: +54.0 PSF & -62.0 PSF

W8 DP54T

DRAWN BY: MODERN STEEL 27" INTELLIGENCE +54.0-62.0 PSF TO 92" W

DRNWCN: NA

DESIGN NO.: MSW-010524

CLOPAY 9203B, HDPC2E 9203B, HDPC2E 3728 3728

CRANE 7288 7288 7288 7288

MIXED GLAZING SHOWN.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 17-0809-31
Expiration Date 06/04/2021

By Miami-Dade Product Control

MANUFACTURE PRODUCT CODE
DSIUA-1F477
**Impact-Resistant Construction:**
Solid doors (no glazing) or doors with optional impact-resistant glazing are impact-resistant. Optional impact-resistant assembly consists of aluminum front frame and sash in lexan 9034 (Versions also approved: MF10, 9030, 90318, 60315, 60317, 60311, 60314, 60325) or Bayer Makrolon G3 (Versions also approved: 6L, AL-15). Approved C1 plastics in accordance with HEC/FSC Z265 and approved C1 plastics in accordance with FSC 2512.

The entire door assembly installed in compliance with this section meets the wind load requirements of the Florida Building Code and International Building Code and is large- and small-missile impact resistant.

**Section B-B (Impact-Resistant Glazing Option)**

- Insulated door section
- Decorative facade
- Exerior of door
- 3/4" Glazing bite
- Cellular PVD retainer
- 3/8"-15 x 3/4" Self-tapping screws
- 3/8"-15 x 1/2" Self-tapping screws (12) for short lites (10) for long lites
- 1/4" thick polycarbonate glazing

**Impact-Resistant Glazing Details**

**Product Revised**
as complying with the Florida Building Code
NOA-No.: 17-0809.31
Expiration Date: 08/04/2021
By Miami-Dade Product Control
JAMB TO SUPPORTING STRUCTURE ATTACHMENT

NOTE:
1. All the load from the door is transferred to the track and then from the track to the 2x6 vertical stp (grade #2 or better) jambs. No load from the door is transferred to the horizontal (top) jamb.
2. Each vertical jamb sees a maximum design load of 243 lb - 279 lb per linear foot of jamb.
3. All jambs 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 loads for anchors and fasteners for steel, concrete, and masonry.

NOTE: 2x6 Wood Jambs are not required with continuous angle mount track, however, if desired on steel jambs or concrete or block walls, approved fasteners as detailed below should be installed in length by 1/2 per 2x6 and installed directly through the angle and 2x6 wood jamb into the steel jambs or concrete or block walls. Anchors can be but are not required to be countersunk to provide a flush mounting surface. Continuous angle track can be anchored directly to grooved reinforced block wall or 3000 psi min. concrete column on steel jambs.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

NOTE: NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS

<table>
<thead>
<tr>
<th>BUILDING TYPE</th>
<th>FASTERER 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 3/4&quot; MIN. EMBED ULTRACON 3000 Concrete Anchor</td>
<td>6 3/4&quot;</td>
<td>1&quot; B.S.</td>
</tr>
<tr>
<td>Grooved CMU Block</td>
<td>1/4&quot; x 3/4&quot; MIN. EMBED ULTRACON 3000 Concrete Anchor</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
</tr>
<tr>
<td>3000 PSI Min. Concrete</td>
<td>1/4&quot; x 3/4&quot; MIN. EMBED ULTRACON 6000 Concrete Anchor</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
</tr>
<tr>
<td>4000 PSI Min. Concrete</td>
<td>1/4&quot; x 3/4&quot; MIN. EMBED TAPED CONCRETE Anchor</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
</tr>
<tr>
<td>4000 PSI Min. Concrete</td>
<td>1/4&quot; x 3/4&quot; MIN. EMBED TAPED CONCRETE Anchor</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
</tr>
<tr>
<td>5000 PSI Min. Concrete</td>
<td>1/4&quot; x 3/4&quot; MIN. EMBED TAPED CONCRETE Anchor</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
</tr>
<tr>
<td>6000 PSI Min. Concrete</td>
<td>1/4&quot; x 3/4&quot; MIN. EMBED TAPED CONCRETE Anchor</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
</tr>
<tr>
<td>Wood Frame (OSB C50 ISO)</td>
<td>1/4&quot; x 3/4&quot; MIN. EMBED TAPED CONCRETE Anchor</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
</tr>
<tr>
<td>Global Steel</td>
<td>1/4&quot; x 3/4&quot; MIN. EMBED TAPED CONCRETE Anchor</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
</tr>
<tr>
<td>1/4&quot; x 2&quot; IGV BUS-DEX TIES SELF-DRILLING FASTENER</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
<td></td>
</tr>
<tr>
<td>1/4&quot; x 1/2&quot; IGV BUS-DEX TIES SELF-DRILLING FASTENER</td>
<td>6 1/2&quot;</td>
<td>1&quot; B.S.</td>
<td></td>
</tr>
</tbody>
</table>

* First (bottom) anchor starting at no more than half of the maximum on-center distance. Anchor height installed at least as high as the door opening.

IV. Door does not supply JAMB attachment fasteners. Minimum distance between center of anchor and edge of concrete: 2-1/2 excluding stucco thickness. Exception for Tapcon: minimum embed distance for tapcon fasteners is 1-1/4, excluding stucco thickness.