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: 2” Gallery EPS Insulated W8 DP54 Steel Sectional Garage Door up to 9'-0” Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. 104119, titled “Gallery 2” EPS Single Car +54/-60 PSF”, sheet 1 through 4 of 4, dated 07/08/2008, with revision 06 dated 7/2017, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, 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 # 15-0225.24 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

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

   A. DRAWINGS "Submitted under NOA # 15-0225.24"
      1. Drawing No. 104119, titled "Gallery 2" EPS Single Car +54/-60 PSF", sheet 1 through 4 of 4, dated 07/08/2008, with revision 05 dated 2/2015, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

   B. TESTS "Submitted under NOA # 14-0514.05"
      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 steel garage door Model GD2LP with Lexan MR10 windows, prepared by American Test Lab, Inc., Test Report No. ATLNC 0326.01-13, dated 05/01/2013, 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. "Submitted under NOA # 09-0929.10"
          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 a 9'x 8', 27ga, Series Gallery, Model GD2SP steel garage door, prepared by American Test Lab, Inc., Test Report No. ATLNC 0428.01-09, dated 06/03/2009, signed and sealed by David W. Johnson, P.E.


Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 17-1016.21
Expiration Date: December 16, 2019
Approval Date: December 28, 2017

E - 1
C. CALCULATIONS “Submitted under NOA # 14-0514.05”

“Submitted under NOA # 09-0929.10”
2. Jamb anchor calculations, prepared by Clopay Building Products Company, dated 09/04/2009, signed and sealed by Scott Hamilton, P.E.

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

E. MATERIAL CERTIFICATIONS
2. Notice of Acceptance No. 12-0605.05 issued to Bayer Material Science LLC (MA) for their Makrolon Polycarbonate Sheets, approved on 12/06/2012, expiring on 08/27/2017.
5. Test report on Surface Burning Characteristics, per ASTM E84 of Falcon’s Type I EPS, Report No. 3094867SAT-001, prepared by Intertek Testing Services, NA, Inc., dated 04/13/2006, signed by C. Anthony Peñaloza

F. STATEMENTS “Submitted under NOA # 15-0225.24”

“Submitted under NOA # 14-0514.05”
2. Statement letters of code conformance to 2010 FBC and no financial interest, both issued by Clopay Building Products Company, dated 04/11/2014, signed and sealed by Scott Hamilton, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 17-1016.21
Expiration Date: December 16, 2019
Approval Date: December 28, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS
   1. Drawing No. 104119, titled "Gallery 2" EPS Single Car +54/-60 PSF", sheet 1 through 4 of 4, dated 07/08/2008, with revision 06 dated 7/2017, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, 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
   2. Notice of Acceptance No. 17-0410.01 issued to Bayer Material Science LLC (MA) for their Makrolon Polycarbonate Sheets, approved on 06/08/2017, expiring on 08/27/2022.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 17-1016.21
Expiration Date: December 16, 2019
Approval Date: December 28, 2017
MODEL: CLOPAY GALLERY, ARIZONA EXPRESSIONS

CYPRESS MODELS: CLCPSY, HGCP

FLUSH: 4382, HGCP

HOMES 620E

IDEAL SFC68

OPTIONAL GLAZING SHALL BE IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (3,0) IS 38'-1/2" X 13'. GLAZING MAY BE SHORT-PANEL (SHOWN) ON LONG-PANEL (NOT SHOWN). SEE SECTION B-B ON SHEET 2 FOR DETAILS. GLAZING MAY BE INSTALLED IN TOP SECTION (SHOWN) OR INTERMEDIATE SECTION (NOT SHOWN).

(1) 2" X 3" X 0.042" INTERNAL BACKER PLATE AT EACH HINGE LOCATION ATTACHED TO SKIN WITH (2) 1/4"-20 L-HOG CLIPS.

PRODUCT REVISED as complying with the Florida Building Code:

NDA-No. 17-1016.21

Expiration Date 12/16/2019

By:

Miami Dade Product Control

MANUFACTURING PRODUCT CODE:

SDIE-1F471

W8 DP54

DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F.

BUILDING RATING:

Dwg. No.: 04119

Check No. MD

Scale: NTS

DWG. NO.: 04119

Drawing By: BPA

Date: 7/8/08

Sheet 1 OF 4
## IMPACT-RESISTANT CONSTRUCTION:

Solid doors (no glazing) or doors with optional impact-resistant glazing are impact-resistant. Optional impact resistant-assemblies consist of aluminum front frame and SABIC IP LEXAN 9034 (versions also approved: M610, 9030, 9031, 9032, 9033, 9034, 9035, 9036, 9037, 9038, 9039) or Bayer Makrolon OP (versions also approved: 831, 832, 833). Approved GCI plastics in accordance with IRC/FBC 2466, and approved CI plastics in accordance with FBC 2612.

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
- Exterior of door
- Interior of door
- #5-18 x 1/2" self-tapping screws (12) for short lites; 16 for long lites
- 3/4" glazing bit
- #5-18 x 1/2" self-tapping screws (8) for short lites;
- (12) for long lites
- 1/4" thick poly carbonate glazing
- Cellular PVC retainer
- 6063-T5 aluminum frame

## IMPACT-RESISTANT GLAZING DETAILS
# Jamb to Supporting Structure Attachment

**Note:** The load from the door is transferred to the track and then from the track to the 2½" vertical (top or bottom) jamb. No load from the door is transferred to the horizontal (top) jamb.

1. Each vertical jamb sees a maximum design load of +245 lb & -270 lb per linear foot of jamb.
2. Anchors may be (but are not required to be) counterbored to provide a flush mounting surface.
3. A 0.75 PSI stress increase for wind load was not used in the calculation of allowable loads for anchors and fasteners for steel, concrete, and masonry.

**Preparation of Jams by Others:**

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.

## JAMB TO SUPPORTING STRUCTURE ATTACHMENT

(Not to be used for attachment of track angle to 2½" vertical jams or supporting structure)

<table>
<thead>
<tr>
<th>Building Type</th>
<th>Fastener Type</th>
<th>Maximum On-Center Distance</th>
<th>Steel Masts (All Outside)</th>
<th>2½&quot; Steel Masts (All Outside)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hollow Clay Block Wall</td>
<td>1½&quot; x 1½&quot; I-D, Embossed Corrugated Concrete Anchor</td>
<td>1-7/8&quot;</td>
<td>1-7/8&quot;</td>
<td>1-7/8&quot;</td>
</tr>
<tr>
<td>Hollow Clay Block Wall</td>
<td>1½&quot; x 1½&quot; I-D, Embossed Corrugated Concrete Anchor</td>
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<td>1-7/8&quot;</td>
</tr>
<tr>
<td>2000 PSI VINYL CORNER</td>
<td>3½&quot; x 1½&quot; I-D, MAXIMUM DIAMETRAL EXPANSION ANCHOR</td>
<td>1-7/8&quot;</td>
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<td>1-7/8&quot;</td>
</tr>
<tr>
<td>Wood Frame (Max 0.50)</td>
<td>3½&quot; x 3½&quot; I-D, MAXIMUM DIAMETRAL EXPANSION ANCHOR</td>
<td>1-7/8&quot;</td>
<td>1-7/8&quot;</td>
<td>1-7/8&quot;</td>
</tr>
</tbody>
</table>

**First (Bottom) Anchor:**

- Not more than half of the maximum on-center distance, highest anchor installed at least as high as the door opening.
- Clopay does not supply jamb attachment fasteners.
- Distance between center of anchor and edge of concrete block: 2-1/2", excluding stucco thickness.

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**SECTION A-A (SIDE VIEW):**

- 2½" THICK SILICONE-FILLED CHANNEL SEPARATES FRONT AND BACK OF SKIN.
- 1½" THICK, 110 LBS. DENSITY EXPANDED POLYSTYRENE FOAM INSULATION LAMINATED TO BOTH EXTERIOR AND INTERIOR SKINS. FOAM INSULATION IS AN APPROVED FOAM PLASTIC (PER FBC 2012-2)
  - PER WES/IBC 2009 A1.2.
- 12 GA. GALV. STEEL TOP ROLLER BRACKET. EACH BRACKET ATTACHED W/4(4) #10x1-1/4" SHEET METAL SCREWS.
- 14 GA. GALV. STEEL ROLLER HINGE. EACH FASTENED TO END STLIES W/4(4) #10x1-1/4" SHEET METAL SCREWS AND (4) 1/4"x3/4" SELF TAPPING SCREWS.
- 27 GA. STEEL, GALV. INTERIOR SKIN WITH A BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT.
- 13 GA. GALV. STEEL, BOTTOM BRACKET, ATTACHED WITH (4) #14x1-1/4" SHEET METAL SCREWS.
- ALUMINUM EXTRUSION & VINYL WEATHERSTOP.

**PRODUCT REVISED**

- As complying with the Florida Building Code
- NOA-No.: 17-1016.21
- Expiration Date: 12/16/2019

**By** Miami-Dade Product Control

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**MANUFACTURING PRODUCT CODE**

DSIE-1471

**DESIGN LOADS:**

- +54.0 P.S.F. & -60.0 P.S.F.

**DRAWN BY:** 8/8 DATE: 7/9/08 SCALE: NTS DWG.:

- Dwg. No.: 104119
- Ver. Md.