



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

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 PERA -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. PERA 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" EPS Ins. Steel Sectional Garage Door up to 9'-0" Wide

APPROVAL DOCUMENT: Drawing No. 104119, titled "2" Single Car Gallery EPS GD2SP", sheet 1 of 1, dated 07/08/2008, with revision 02 dated 01/2012, 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 # 09-0929.10 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



Carlos M. Utrera
03/27/2012

NOA No 12-0125.14
Expiration Date: December 16, 2014
Approval Date: April 5, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **104119**, titled "2" Single Car Gallery EPS GD2SP", sheet 1 of 1, dated 07/08/2008, with revision 02 dated 01/2012, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS "Submitted under NOA # 09-0929.10"

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 Test, per FBC 2411 3.2.1, 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 06/03/09, signed and sealed by David W. Johnson, P.E.

2. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. **30160-04-63365**, dated 01/26/05, signed by John D. Lee, P.E. "**Submitted under NOA # 07-0807.14**"

C. CALCULATIONS "Submitted under NOA # 09-0929.10"

1. 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 Permitting, Environment, and Regulatory Affairs (PERA)

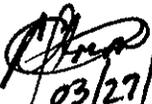
E. MATERIAL CERTIFICATIONS "Submitted under NOA # 07-0807.14"

1. Test report on Surface Burning Characteristics, per ASTM E84 of Type I EPS, Report No. **3082960-500**, prepared by Intertek Testing Services, NA, Inc., dated 10/04/2005, signed by Javier Trevino
2. Test report on Ignition Properties of Plastics per ASTM D1929 of Type I EPS, Report No. **3082959-500**, prepared by Intertek Testing Services, NA, Inc., dated 09/16/2005, signed by C. Anthony Peñaloza.

F. STATEMENTS

1. Statement letter of code conformance to 2007 and 2010 FBC, dated 01/19/2012, signed and sealed by Scott Hamilton, P.E.

"**Submitted under NOA # 09-0929.10**"
2. Statement letter of no financial interest issued by Clopay Building Products Company, dated 09/04/2009, signed and sealed by Scott Hamilton, P.E.


03/27/2012

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 12-0125.14

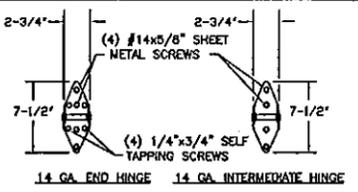
Expiration Date: December 16, 2014
Approval Date: April 5, 2012

| BRAND / SERIES | MODEL NUMBERS | |
|---------------------|---------------|--------------|
| | SHORT PANEL | LONG PANEL |
| CLOPAY / GALLERY | GD2SP, GR2SP | GD2LP, GR2LP |
| HOLMES / ARTISTRY | AR2SP | AR2LP |
| IDEAL / EXPRESSIONS | ED2SP | ED2LP |

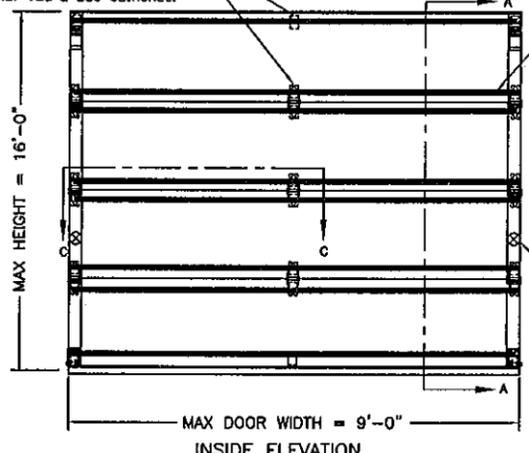
| DOOR HEIGHT | # OF SECTIONS |
|-------------------------|---------------|
| UP TO 8'0" | 4 |
| 8'3" TO 10'0" | 5 |
| 10'3" TO 12'0" | 6 |
| 12'3" TO 14'0" | 7 |
| 14'3" TO 16'0" | 8 |
| MAX SECTION HEIGHT: 24" | |

| REVISIONS | | | | | |
|-----------|-------|---------|---------|--------|------------------------------------|
| REV. NO. | ZONE: | DATE: | ECN NO. | APPVD: | DESCRIPTION |
| 01 | - | 09/2009 | - | - | REVISED FOR M-D. |
| 02 | - | 01/2012 | - | SH | AFFIRMED COMPLIANCE WITH 2010 FBC. |

(1) 2" X 3" X 0.042" INTERNAL BACKER PLATE AT EACH HINGE LOCATION ATTACHED TO SKIN WITH (2) TOG-L-LOC CLINCHES.

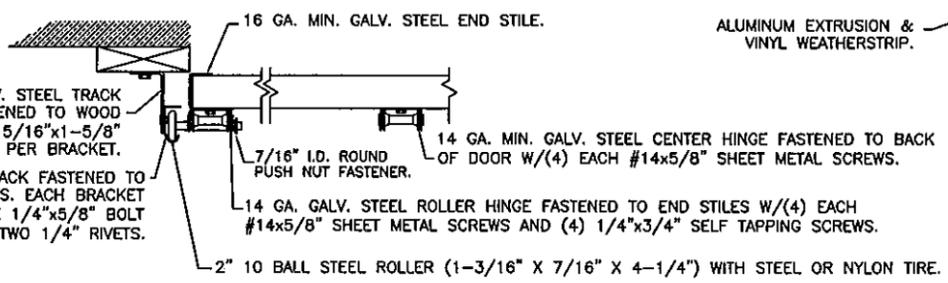


SECTION A-A



INSIDE ELEVATION

SECTION C-C



JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- NOTES:
1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
 2. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 3. 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.

THE 2x6 VERTICAL WOOD JAMBS ARE TO BE GRADE 2 OR BETTER YELLOW PINE. NO LOAD IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB. ALL JAMB FASTENERS MAY BE (BUT NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

| BUILDING TYPE | FASTENER TYPE | MAXIMUM * ON CENTER DISTANCE BETWEEN FASTENERS | STEEL WASHERS REQUIRED? |
|--------------------------------|---|--|-------------------------|
| C-90 BLOCK (HOLLOW OR GROUTED) | 1/4" x 2-1/2" (1" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE) | 6-1/2" | 1" O.D. |
| 2,000 PSI MIN. CONCRETE | 1/4" x 3" (1-1/2" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE) | 15-1/4" | 1" O.D. |
| 2,000 PSI MIN. CONCRETE | 3/8" x 3-1/4" (1-3/4" EMBED) WEJ-IT SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE) | 18-1/2" | INCLUDED |
| 4,000 PSI MIN. CONCRETE | 3/8" x 3-1/4" (1-3/4" EMBED) WEJ-IT SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE) | 24" | INCLUDED |
| WOOD FRAME | 1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE) | 20" | 1-1/8" O.D. |

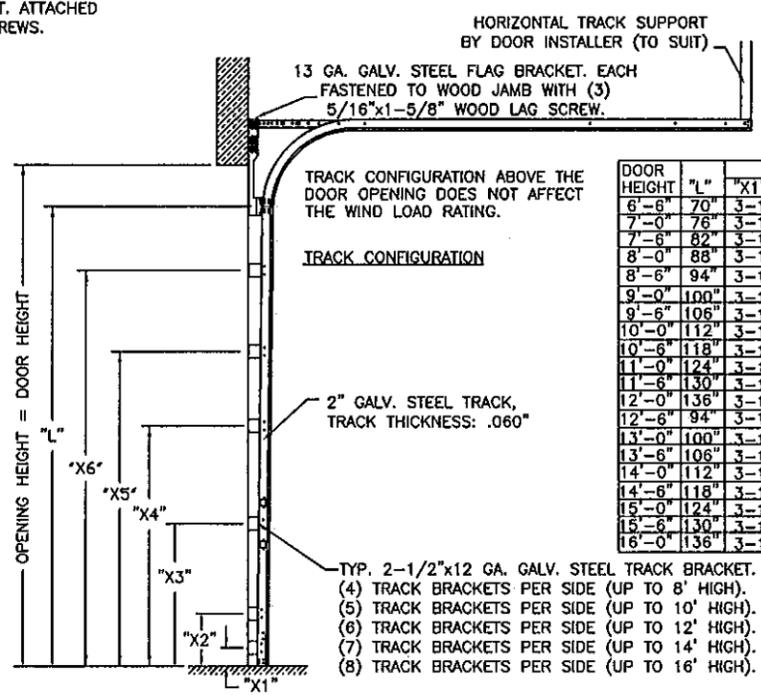
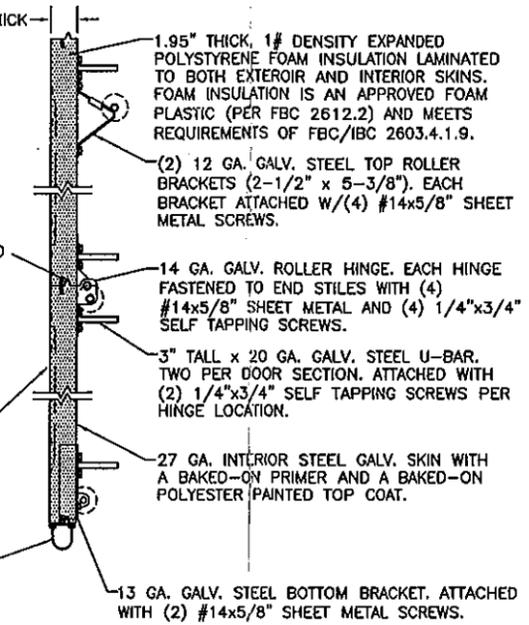
* - FIRST ANCHOR/SCREW STARTING FROM BOTTOM AT NO MORE THAN HALF OF MAXIMUM ON CENTER DISTANCE. HIGHEST ANCHOR/SCREW INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING HEIGHT.

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 OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

NOTE: SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS SHOWN ON THIS DRAWING.

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No 12-0125.14
 Expiration Date 12/16/2014
 By *[Signature]*
 Minda/Dade Product Control



| DOOR HEIGHT | "L" | BRACKET PLACEMENTS | | | | | | | |
|-------------|------|--------------------|------|------|------|------|------|------|------|
| | | "X1" | "X2" | "X3" | "X4" | "X5" | "X6" | "X7" | "X8" |
| 6'-6" | 70" | 3'-1/2" | 10" | 35" | 60" | - | - | - | - |
| 7'-0" | 76" | 3'-1/2" | 10" | 38" | 66" | - | - | - | - |
| 7'-6" | 82" | 3'-1/2" | 10" | 34" | 58" | - | - | - | - |
| 8'-0" | 88" | 3'-1/2" | 10" | 34" | 58" | - | - | - | - |
| 8'-6" | 94" | 3'-1/2" | 10" | 34" | 58" | 82" | - | - | - |
| 9'-0" | 100" | 3'-1/2" | 10" | 34" | 58" | 82" | - | - | - |
| 9'-6" | 106" | 3'-1/2" | 10" | 34" | 58" | 82" | - | - | - |
| 10'-0" | 112" | 3'-1/2" | 10" | 34" | 58" | 82" | - | - | - |
| 10'-6" | 118" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | - | - |
| 11'-0" | 124" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | - | - |
| 11'-6" | 130" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | - | - |
| 12'-0" | 136" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | - | - |
| 12'-6" | 142" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | - |
| 13'-0" | 148" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | - |
| 13'-6" | 154" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | - |
| 14'-0" | 160" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | - |
| 14'-6" | 166" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | 154" |
| 15'-0" | 172" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | 154" |
| 15'-6" | 178" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | 154" |
| 16'-0" | 184" | 3'-1/2" | 10" | 34" | 58" | 82" | 106" | 130" | 154" |

- TYP. 2-1/2"x12 GA. GALV. STEEL TRACK BRACKET.
 (4) TRACK BRACKETS PER SIDE (UP TO 8' HIGH).
 (5) TRACK BRACKETS PER SIDE (UP TO 10' HIGH).
 (6) TRACK BRACKETS PER SIDE (UP TO 12' HIGH).
 (7) TRACK BRACKETS PER SIDE (UP TO 14' HIGH).
 (8) TRACK BRACKETS PER SIDE (UP TO 16' HIGH).

THIS DOOR MEETS THE REQUIREMENTS OF THE LARGE MISSILE IMPACT AND CYCLIC TESTING.

DESIGN ENGINEER: SCOTT HAMILTON, P.E., FLORIDA P.E. #63286

MANUFACTURING PRODUCT CODE: DSIE-1F471 DESIGN LOADS: +54.0 P.S.F. & -60.0 P.S.F.

Clopay Building Products Company 8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853

CLOPAY WINDLOAD RATING W8

DESCRIPTION: 2" SINGLE CAR GALLERY EPS GD2SP

DRAWN BY: BFA DATE: 7/08/08 SCALE: NONE DWG. SIZE B

CHECKED BY: SH DATE: 07/08/08 SHEET 1 OF 1

DWG. NO.: 104119 VER: MD