



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: Steel Pan Sectional Garage Door up to 9'-0" Wide

APPROVAL DOCUMENT: Drawing No. **104121**, titled "2" Single Car Gallery 24GA Pan", sheet 1 of 1, dated 07/08/2008, with revision 01 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.

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 36,400 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 # **09-0929.11** 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.**



[Signature]
03/27/2012

NOA No 12-0125.15
Expiration Date: December 16, 2014
Approval Date: April 5, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **104121**, titled "2" Single Car Gallery 24GA Pan", sheet 1 of 1, dated 07/08/2008, with revision 01 dated 01/2012, prepared by Clipay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS "Submitted under NOA # 09-0929.11"

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', 24ga, Model GD4S steel garage door, prepared by American Test Lab, Inc., Test Report No. **ATLNC 1202.01-08**, dated 12/17/2008, signed and sealed by David W. Johnson, P.E.

"Submitted under NOA # 07-0807.14"

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 01/26/2005, signed by John D. Lee, P.E.

C. CALCULATIONS "Submitted under NOA # 09-0929.11"

1. Jamb anchor calculations, prepared by Clipay Building Products Company, dated 09/24/2009, 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

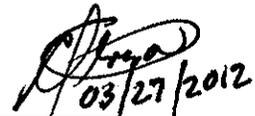
1. None.

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 # 09-0929.11"

2. Statement letter of no financial interest issued by Clipay Building Products Company, dated 09/24/2009, signed and sealed by Scott Hamilton, P.E.



Carlos M. Utrera, P.E.

Product Control Examiner

NOA No 12-0125.15

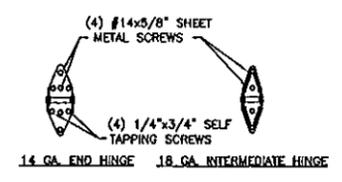
Expiration Date: December 16, 2014

Approval Date: April 5, 2012

BRAND / SERIES	MODEL NUMBERS	
	PAN	PAN + INSUL
CLOPAY / GALLERY	GD4S, GR4S	GD4SV, GR4SV
HOLMES / ARTISTRY	AR4S	AR4SV
IDEAL / EXPRESSIONS	ED4S	ED4SV

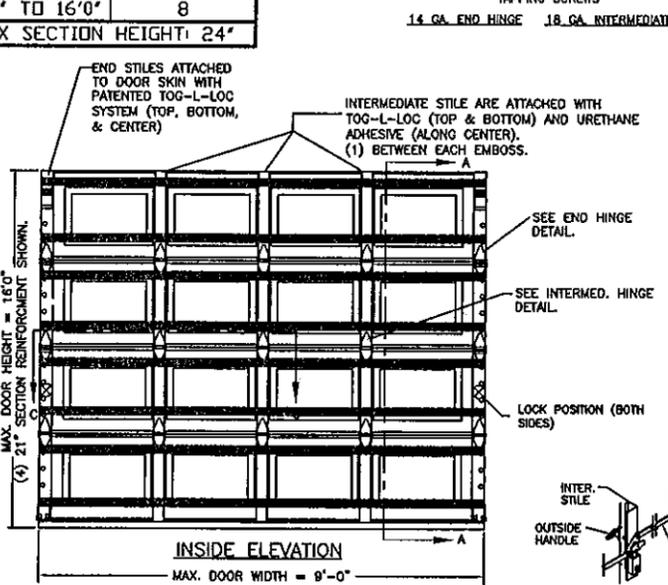
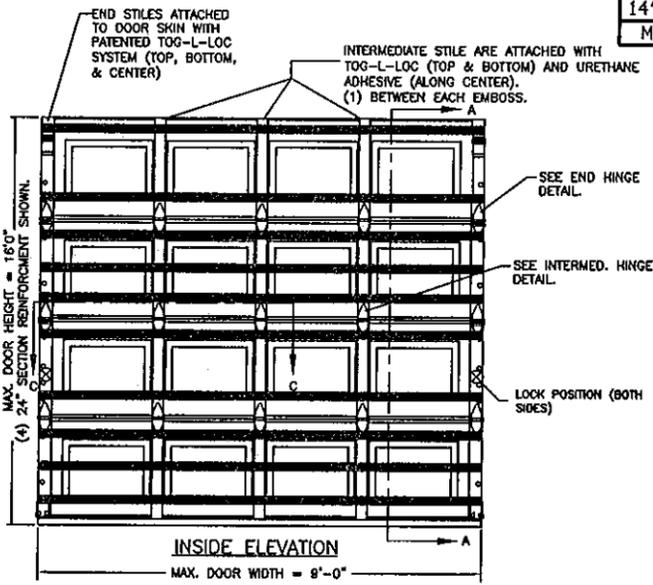
DOOR HEIGHT	# OF SECTIONS
UP TO 8'0"	4
8'3" TO 10'0"	5
10'3" TO 12'0"	6
12'3" TO 14'0"	7
14'3" TO 16'0"	8

MAX SECTION HEIGHT: 24"

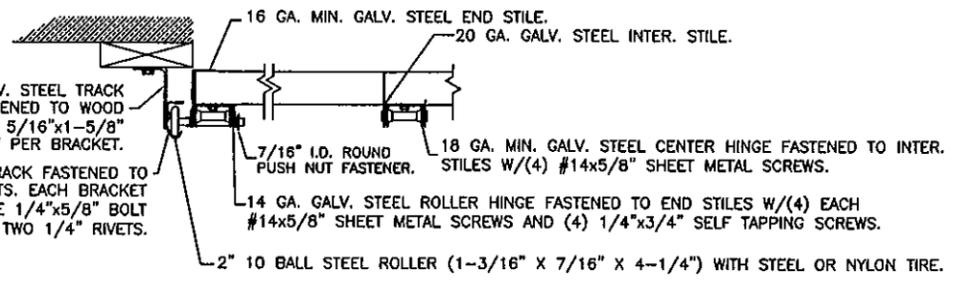
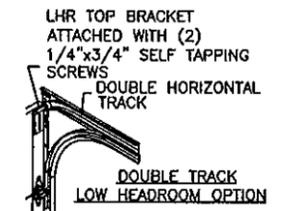
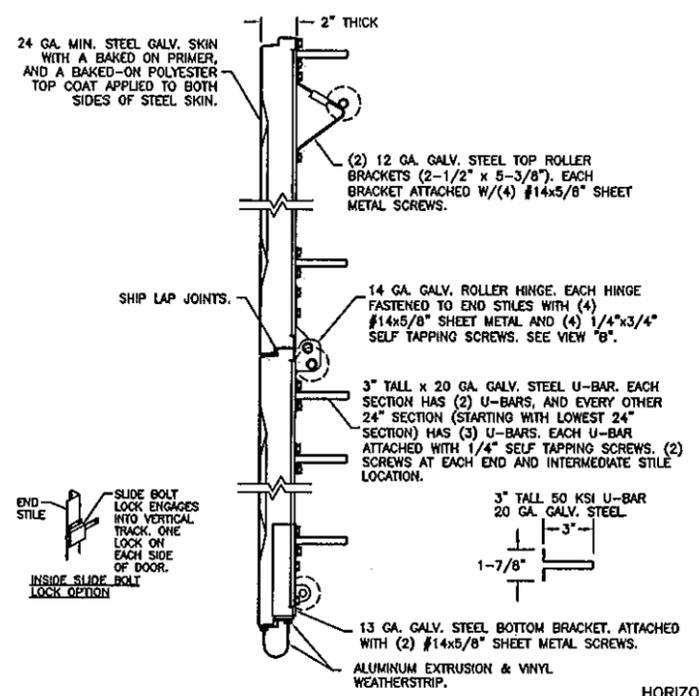


REVISIONS					DESCRIPTION
REV. NO.	ZONE	DATE	ECN NO.	APPVD.	
01	-	01/2012	-	SH	AFFIRMED COMPLIANCE WITH 2010 FBC.

D
C
B
A



SECTION A-A



JAMB TO SUPPORTING STRUCTURE ATTACHMENT

PREPARATION OF JAMBS BY OTHERS

- NOTES:
- 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.
 - ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
 - 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: 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.

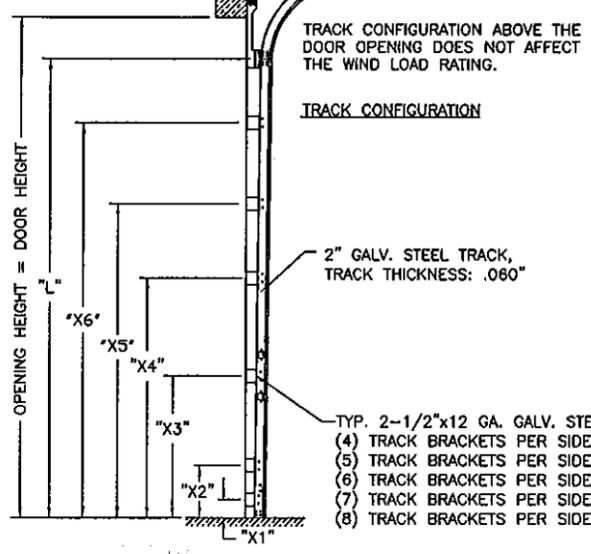
NOTE: SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS SHOWN ON THIS DRAWING.

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No 12-0125-15
 Expiration Date 12/16/2014
 By [Signature]
 Miami Dale Product Control

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)	6-3/4"	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)	15-3/4"	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)	19-1/4"	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)	20-3/4"	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.



DOOR HEIGHT	BRACKET PLACEMENTS								
	"1"	"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.

THIS PRODUCT CONFORMS TO THE REQUIREMENTS OF THE 2007 AND 2010 FBC.

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

MANUFACTURING PRODUCT CODE: PAN-2F443 DESIGN LOADS: +50.0 P.S.F. & -58.0 P.S.F.

Glopay 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 24GA PAN

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.: 104121	VER: M-D		