



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

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 by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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" Pan Steel 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 07/08/08, with Revision 00 dated 09/2009, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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 under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Dade County approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimen were selected from coils at the manufacturer production facilities. And a notarized statement from the manufacturer that only coils with yield strength of 36400 psi or more shall be used to make door panels for 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 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]
 11/23/09

NOA No 09-0929.11
Expiration Date: December 16, 2014
Approval Date: December 16, 2009
 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 07/08/08, with Revision 00 dated 09/2009, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, 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 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 12/17/08, 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.

C. CALCULATIONS

1. Jamb anchor calculations, prepared by Clopay Building Products Company, dated 09/24/09, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

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



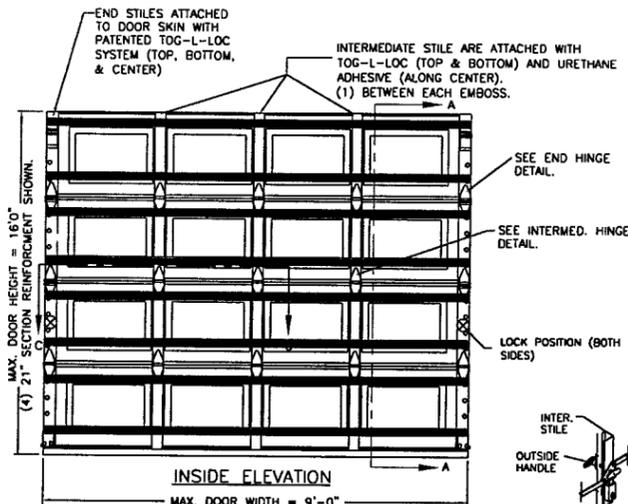
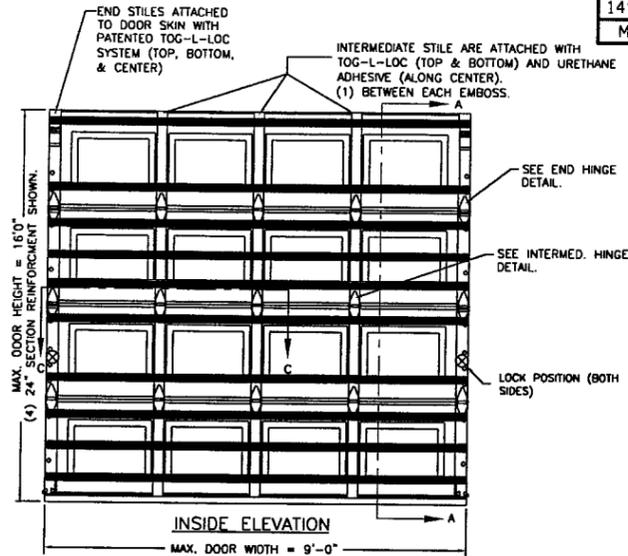
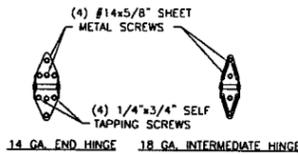
11/23/09

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 09-0929.11

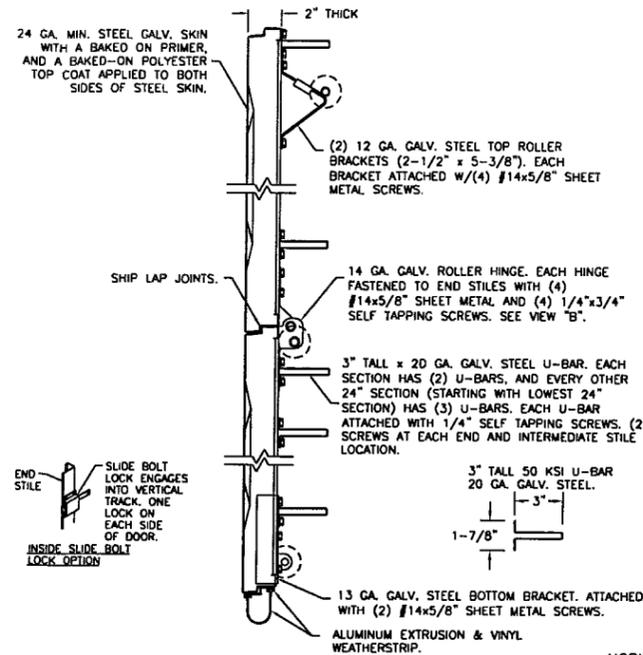
Expiration Date: December 16, 2014
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BRAND / SERIES	MODEL NUMBERS	
	PAN	PAN + INSUL
CLOPAY / GALLERY	GD4S, GR4S	GD4SV, GR4SV
HOLMES / ARTISTRY	AR4S	AR4SV
IDEAL / EXPRESSIONS	ED4S	ED4SV

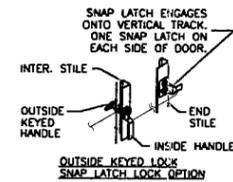
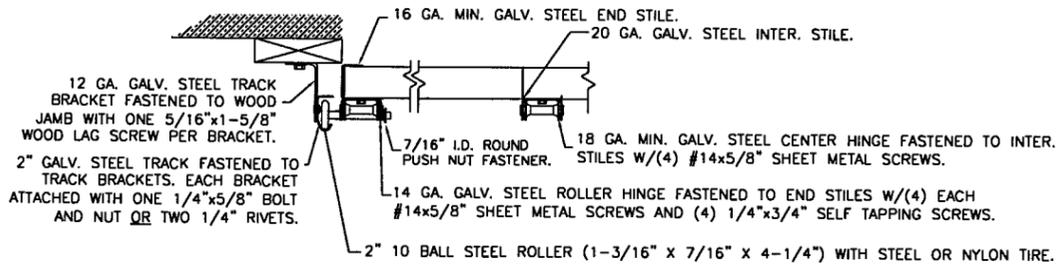
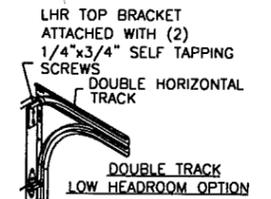
DOOR HEIGHT	# OF SECTIONS
UP TO 8'0"	4
8'3" TO 10'0"	5
10'3" TO 12'0"	6
12'3" TO 14'0"	7
14'3" TO 16'0"	8
MAX SECTION HEIGHT: 24"	



SECTION A-A



Approved as complying with the Florida Building Code
 Date 12/16/2009
 NOAH 07-0929-11
 Miami Dade Product Control
 Division
 By [Signature]



JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- 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.

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.

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.

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.

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
DESCRIPTION: 2" SINGLE CAR GALLERY 24GA PAN	CLOPAY WINDLOAD RATING W8
DRAWN BY: BFA	DATE: 7/08/08
CHECKED BY: SH	DATE: 07/08/08
DWG. NO.: 104121	VER: M-D

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

[Signature]
7/24/09

DOOR HEIGHT	BRACKET PLACEMENTS								
	"L"	"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"

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