



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 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.miamidadecounty.gov/economy

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: Commercial Ribbed Steel Pan Sectional Garage Door up to 12'-2" Wide

APPROVAL DOCUMENT: Drawing No. **102645**, titled "M/N, 524/520/C4ST/COST/224", sheet 1 of 1, dated 11/13/2002, with revision 5 dated 01/2012, prepared by Clopay Building Products Company, signed and sealed by Mark W. Westerfield, P.E., bearing the Miami-Dade County Product Control renewal 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 renews **NOA # 12-0125.12** 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.**



[Handwritten Signature]
 05/01/2013

NOA No 13-0311.11
 Expiration Date: May 8, 2014
 Approval Date: May 9, 2013
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS *"Submitted under NOA # 12-0125.12"*

1. Drawing No. 102645, titled "M/N 524/520/C4ST/COST/224", sheet 1 of 1, dated 11/13/2002 with revision 5 dated 01/2012, prepared by Clopay Building Products Company, signed and sealed by Mark W. Westerfield, P.E.

B. TESTS *"Submitted under NOA # 08-0212.04"*

1. Test Report on Uniform Static Air Pressure Test per FBC, TAS 202, Large Missile Impact Test per FBC, TAS 201 and Cyclic Wind Pressure Test per FBC, TAS 203, of "Specimen A, B, C, 14'-2" x 8' 24 gauge galvanized steel garage door drawing 103288" by American Test Lab, Inc, Test Report No. 1018.01-04, dated 12/10/2004, signed and sealed by David W. Johnson, P.E.
2. Addendum to Test Report No. 1018.01-04, dated 07/11/2005, signed and sealed by David W. Johnson, P.E.

C. CALCULATIONS *"Submitted under NOA # 08-0212.04"*

1. Fastener attachment calculations prepared by Clopay Building Products Company, dated 01/19/2003, signed and sealed by Mark W. Westerfield, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

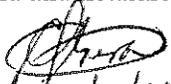
1. None.

F. STATEMENTS

1. Test contract letter issued by American Test Lab, Inc., dated 11/07/2012, signed by Keith Owen.

"Submitted under NOA # 12-0125.12"
2. Statement letter of code conformance to 2007 and 2010 FBC, dated 01/19/2012, signed and sealed by Mark W. Westerfield, P.E.

"Submitted under NOA # 08-0212.04"
3. No financial interest letter prepared & signed by Mark W. Westerfield and notarized by S. E. Rodenhauser.



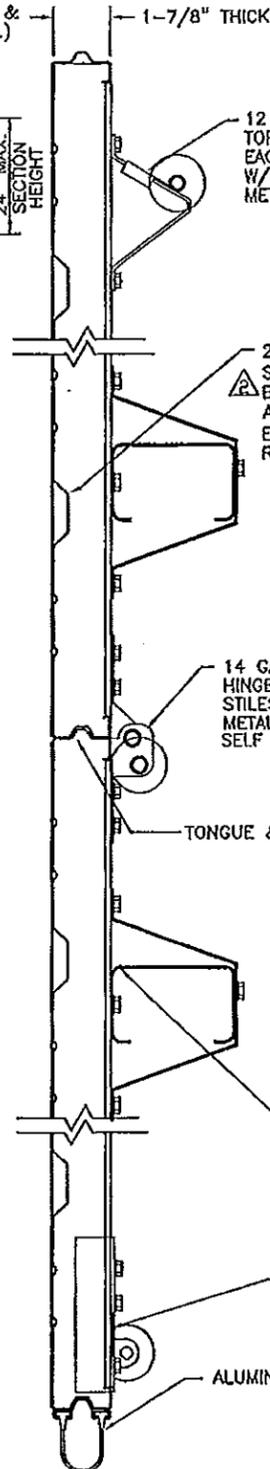
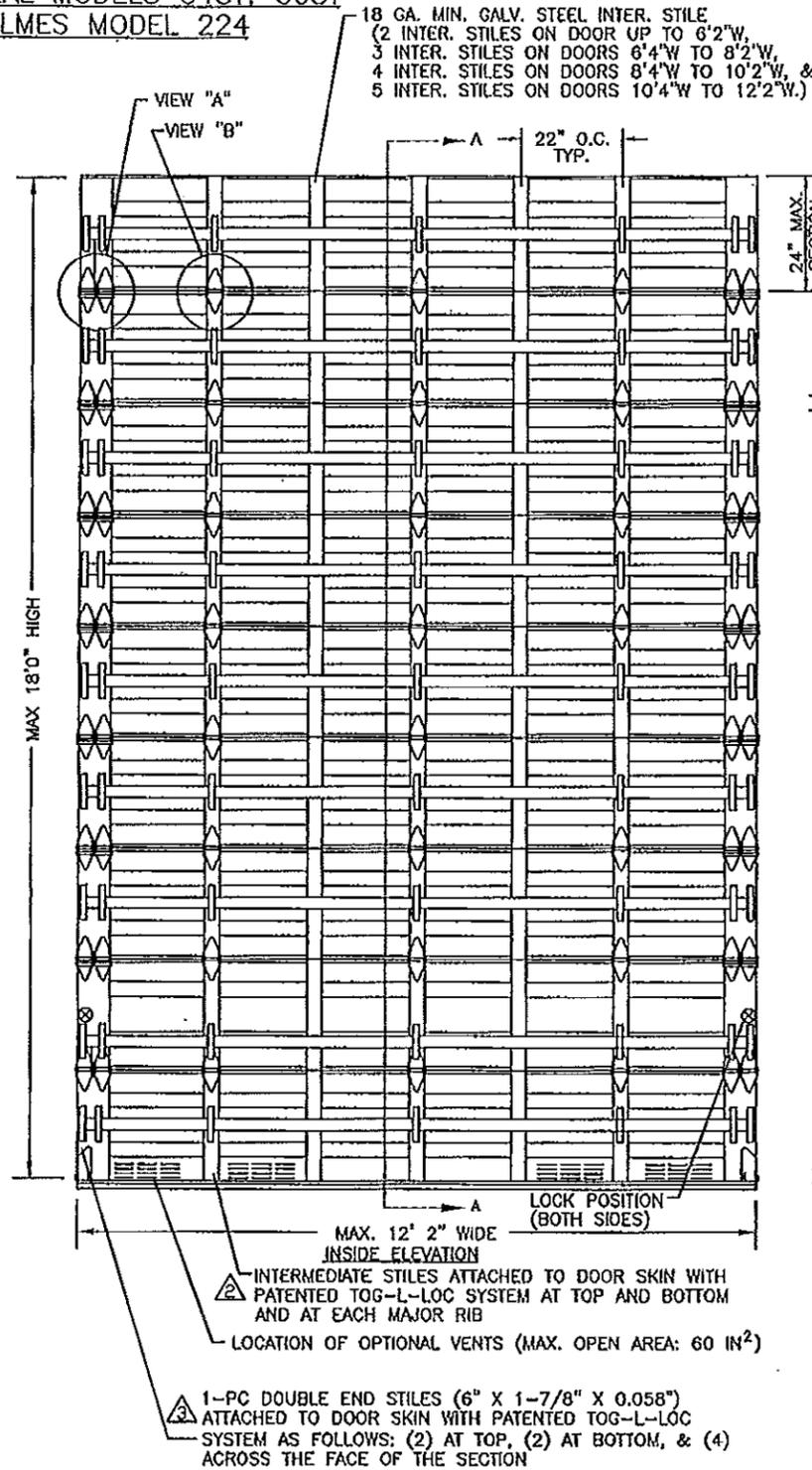
105/01/2013

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 13-0311.11
Expiration Date: May 8, 2014
Approval Date: May 9, 2013

CLOPAY MODELS 524, 520
 IDEAL MODELS C4ST, C0ST
 HOLMES MODEL 224

MODELS 520, C0ST: 20 GA STEEL SKIN
 MODELS 524, C4ST, 224: 24 GA STEEL SKIN

REV	DATE	DESCRIPTION
1	4/2003	MISC. EDITORIAL REVISIONS
2	2/2005	REMOVED RIVET FROM INTER. STILE; SKIN MIN YIELD WAS 42.8 KSI; WAS 2-PC DES
3	7/2005	UPDATED PER H-D COMMENTS
4	9/2005	CORRECTED 'JAMB CONFIGURATION' TO PROPERLY SHOW 1-PC DES
5	1/2012	AFFIRMED COMPLIANCE WITH 2010 FBC

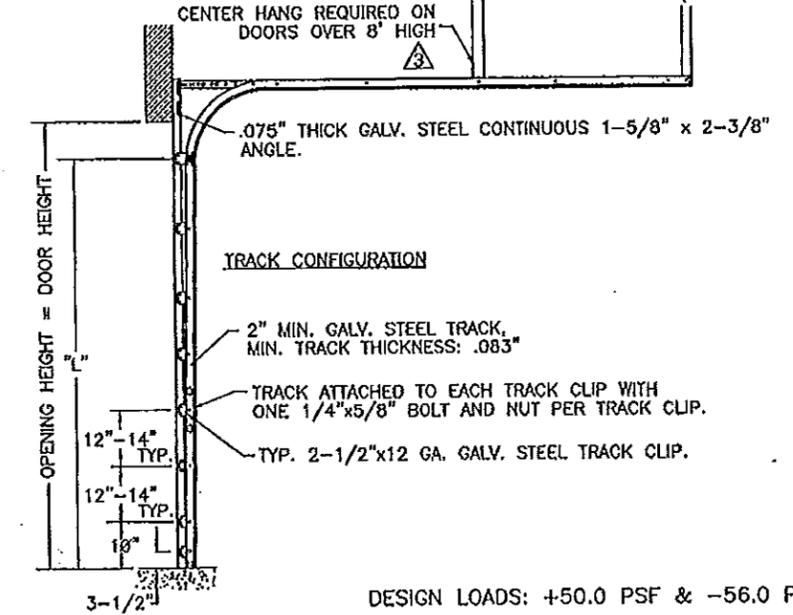
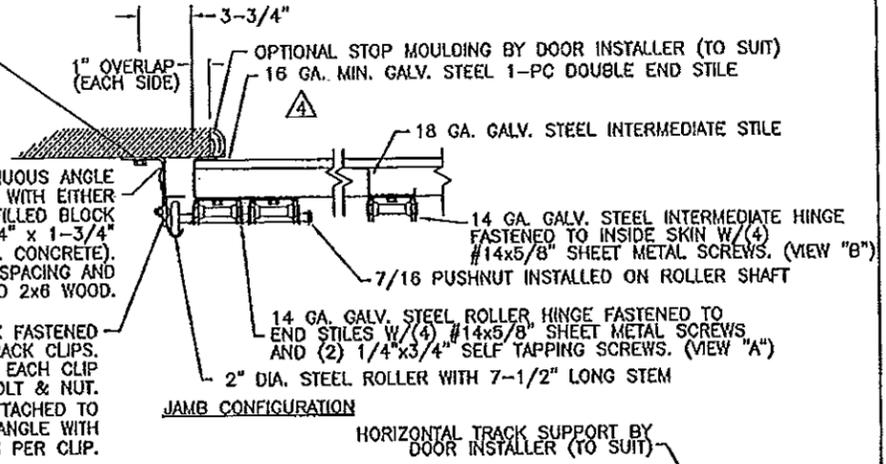


CONTINUOUS ANGLE ATTACHED CAN BE ATTACHED DIRECTLY TO 2x6 SYP (#2 OR BETTER) WOOD JAMBS WITH 5/16x1-5/8" LAG SCREWS. LAG SCREWS POSITIONED AT SAME LOCATIONS AS TRACK CLIPS (I.E. LOCATED AT 3-1/2", 10", THEN 12" TO 14" ON-CENTER THEREAFTER). WOOD JAMBS MOUNTED TO SUPPORTING STRUCTURE WITH WEJ-IT SLEEVE ANCHORS OR ITW TAPCON SCREWS AS SHOWN BELOW.

.100" THICK GALV. STEEL CONTINUOUS ANGLE TRACK FASTENED TO VERTICAL JAMBS WITH EITHER 3/8" X 2-1/2" WEJ-IT SLEEVE ANCHORS (GROUT-FILLED BLOCK OR 3,000 PSI MIN. CONCRETE) OR 1/4" X 1-3/4" EMBED ITW TAPCON SCREWS (3,000 PSI MIN. CONCRETE). SEE NOTE BELOW FOR ANCHOR SPACING AND FOR INSTALLING ANCHORS THROUGH OR INTO 2x6 WOOD.

2" GALV. STEEL TRACK FASTENED TO 12 GA. GALV. STEEL TRACK CLIPS. TRACK ATTACHED TO EACH CLIP WITH ONE 1/4"x5/8" BOLT & NUT. EACH TRACK CLIP ATTACHED TO CONTINUOUS ANGLE WITH (2) 1/4" DIA. RIVETS PER CLIP.

SLIDE BOLT LOCK ENGAGES INTO VERTICAL TRACK. ONE LOCK ON EACH SIDE OF DOOR. 7/8" X .139" X 2.64" THROW BAR. LOCK CONNECTED TO END STILES WITH W/(4) 1/4" X 3/4" SELF TAPPING SCREWS.



DESIGN LOADS: +50.0 PSF & -56.0 PSF

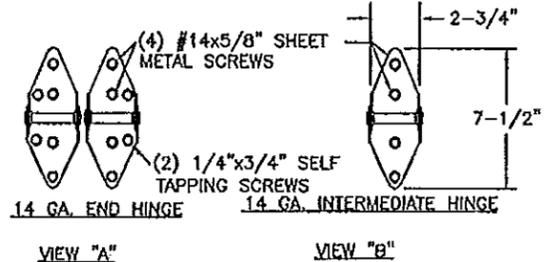
PRODUCT RENEWED as complying with the Florida Building Code
 Acceptance No 13-0311.11
 Expiration Date 05/28/2014
 By [Signature]
 Miami Dade Product Control

NOTE: 2x6 WOOD JAMBS ARE NOT REQUIRED, HOWEVER, IF DESIRED ON CONCRETE OR BLOCK WALLS, SLEEVE ANCHORS OR TAPCONS SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE CONCRETE OR BLOCK WALLS. ANCHORS CAN BE (BUT NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. CONTINUOUS ANGLE TRACK CAN BE ANCHORED DIRECTLY TO GROUT REINFORCED BLOCK WALL OR 3,000 PSI MIN. CONCRETE COLUMN.

BLOCK CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH CONTINUOUS #5 BAR EXTENDING INTO THE FOOTING AND INTO THE BEAMS. ANCHORS CAN BE 3/8" X 2-1/2" WEJ-IT SLEEVE ANCHORS (GROUT-FILLED BLOCK OR 3,000 PSI MIN. CONCRETE WITH 3-3/4" MIN. EDGE DISTANCE) OR 1/4" X 1-3/4" EMBED ITW TAPCONS (3,000 PSI MIN. CONCRETE). ANCHORS POSITIONED AT SAME LOCATIONS AS TRACK CLIPS (I.E. ANCHORS LOCATED STARTING FROM BOTTOM AT 3-1/2", 10", THEN 12" TO 14" ON-CENTER THEREAFTER).

[Signature]

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



DESIGN ENGINEER
 MARK W. WESTERFIELD, P.E.
 MECHANICAL ENGINEERING
 FLORIDA REGISTRATION No. 48495

THE SUPPORTING STRUCTURAL ELEMENTS ARE TO BE DESIGNED BY THE BUILDING ARCHITECT OR ENGINEER OF RECORD FOR THE LOADS SHOWN ON THIS DRAWING.

Glopay
 Building Products
 Company

CLOPAY BUILDING PRODUCTS COMPANY
 8585 DUKE BLVD.
 MASON, OH 45040
 (513) 770 - 4800

SCALE	UNLOAD RATING	MAXIMUM DOOR SIZE
11/13/02	W8	12'2"W x 18'0"H
DATE	DESCRIPTION	
DRAWN BY	M/N 524/528/C4ST/C0ST/224	
CHECKED BY	DRAWING NUMBER	REV.
MWW	B 102645	MD 5