



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/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Clipay 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: Coachman 2" EPS Insulated Steel Sectional Garage Door up to 16'-2" Wide w/ Overlays (DP +46.6, -52.0 PSF)

APPROVAL DOCUMENT: Drawing No. 103560, titled "Coachman 2" EPS W/Overlays", sheet 1 of 1, dated 02/27/2007, with revision 4 dated 02/2015, prepared by Clipay 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 27,000 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 # 12-1231.01 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]
 5/4/15

NOA No. 15-0225.13
 Expiration Date: March 6, 2018
 Approval Date: May 14, 2015
 Page 1

Clopay Building Products Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 103560, titled "Coachman 2" EPS W/Overlays", sheet 1 of 1, dated 02/27/2007, with revision 4 dated 02/2015, prepared by Clopay Building Products Company, signed and sealed by Scott Hamilton, P.E.

B. TESTS "Submitted under NOA # 08-0107.05"

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 16'2"x 8', 27ga steel garage door Coachman Model CG11, prepared by American Test Lab, Inc., Test Report No. ATLNC 1106.01-07, dated 11/29/2007, signed and sealed by David W. Johnson, P.E.

2. Test reports 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. "Submitted under NOA # 07-0807.14"

C. CALCULATIONS "Submitted under NOA # 08-0107.05"

1. Jamb anchor calculations, complying with FBC-2004, prepared by Clopay Building Products Company, dated 12/17/2007, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

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

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

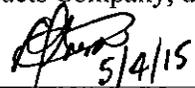
1. Test report on Surface Burning Characteristics, per ASTM E84 of Type I EPS, Report No. 3082960-500, prepared by Intertek Testing Services, NA, Inc., dated 10/04/2005, signed by Javier Trevino.
2. Test report on Ignition Properties of Plastics, per ASTM D1929 of Type I EPS, Report No. 3082959-500,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

F. STATEMENTS

1. Statement letter of code conformance with the 2010 and the 5th edition (2014) FBC issued by Clopay Building Products Company, dated 02/18/2015, signed and sealed by Scott Hamilton, P.E.

"Submitted under NOA # 12-1231.01"

2. Statement letter of code conformance to 2010 FBC, dated 12/18/2012, signed and sealed by Scott Hamilton, P.E.
3. Statement letter of no financial interest issued by Clopay Building Products Company, dated 12/18/2012, signed and sealed by Scott Hamilton, P.E.

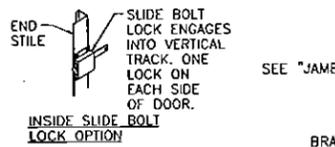
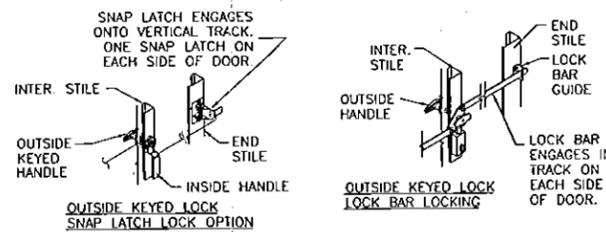
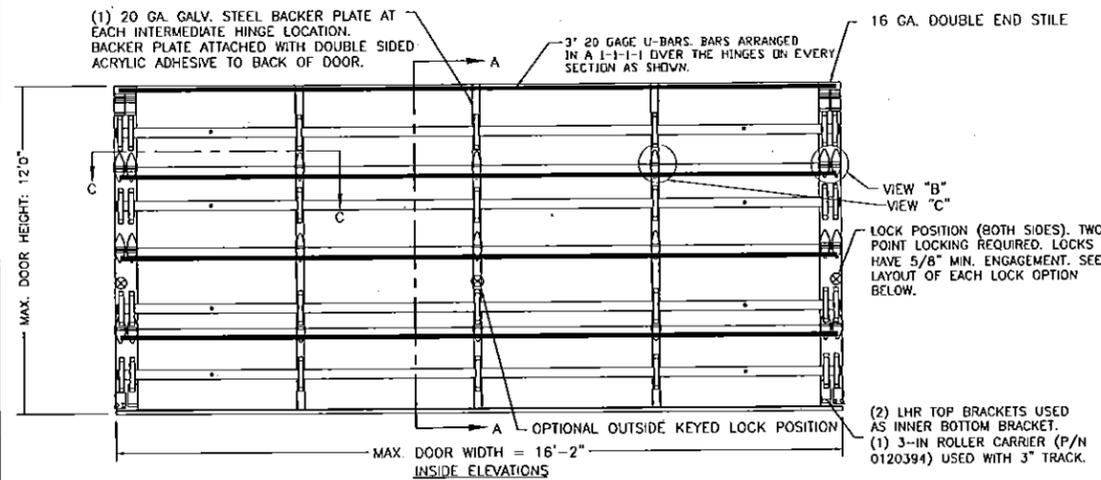

5/4/15

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0225.13

Expiration Date: March 6, 2018
Approval Date: May 14, 2015

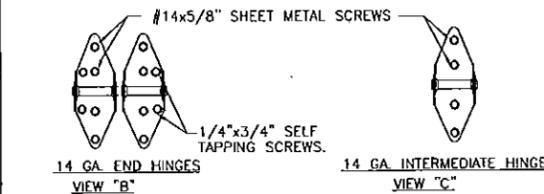
CLOPAY COACHMAN SERIES: CPnn, HPnn, CGnn, CXnn
 HOLMES SETTLERS SERIES: SXnn
 IDEAL AFFINITY SERIES: AGnn

NOTE: "nn" REPRESENTS THE ARRANGEMENT OF THE DECORATIVE OVERLAYS. THE FIRST DIGIT WILL HAVE A VALUE FROM 1 TO 3 AND THE SECOND DIGIT WILL HAVE A VALUE FROM 1 TO 5



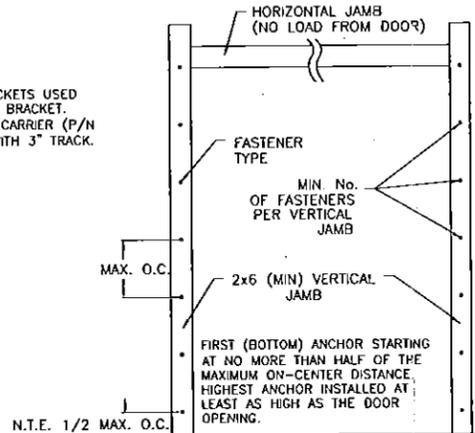
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 15-0225.13
 Expiration Date 03/06/2018
 By *[Signature]*
 Minimum/Date Product Control

REV	DATE	DESCRIPTION
1	12/2007	INITIAL RELEASE.
2	01/2008	REVISED JAMB ATTACHMENT PER M-D REVIEW.
3	01/2012	AFFIRMED COMPLIANCE WITH 2010 FBC.
4	02/2015	UPDATED CODE COMPLIANCE STATEMENT.



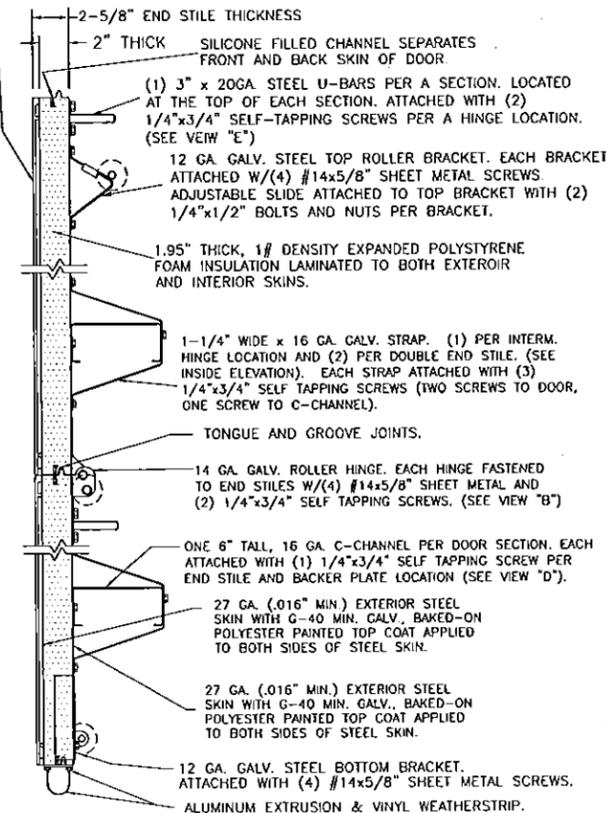
JAMB PREPARATION NOTE
 THE METHOD OF ATTACHMENT TO THE SUPPORTING STRUCTURE OF THE PRESSURE TREATED 2x6 WOOD JAMBS SHALL BE APPROVED BY THE PROFESSIONAL OF RECORD FOR THE STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING. PREPARATION OF JAMBS BY OTHERS

ALL MOUNTING OF TRACK, ANGLES, HORIZONTAL TRACK SUPPORTS, AND ALL OTHER DOOR HARDWARE TO BE INSTALLED PER CLOPAY INSTALLATION INSTRUCTIONS SUPPLIED WITH DOOR SYSTEM UNLESS OTHERWISE NOTED.



SECTION A-A (SIDE VIEW)

DECORATIVE OVERLAY (PVC WITH SANDY ASA CAPSTOCK) ATTACHED TO OUTSIDE SKIN WITH PERMANENT ADHESIVE.



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.
- EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +372.8 LB & -416 LB PER LINEAR FOOT OF 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.
- 2x8 JAMBS MAY BE USED WITH 3" TRACK.

WOOD FRAME BUILDINGS

STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_x) FOR DOORS UP TO 8'0" HIGH OR (4) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_x) FOR DOORS UP TO 12'0" HIGH. STUD WALLS TO BE CONTINUOUS FROM FOOTING TO THE BEAMS.

BLOCK WALL OR CONCRETE

2x6 SYP (GRADE #2 OR BETTER) WOOD JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH REINFORCING BARS EXTENDING INTO THE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING PER BLOCK WALL OR CONCRETE COLUMN. BLOCK WALLS AND CONCRETE COLUMNS TO BE DESIGNED BY THE BUILDING ENGINEER OR ARCHITECT OF RECORD AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

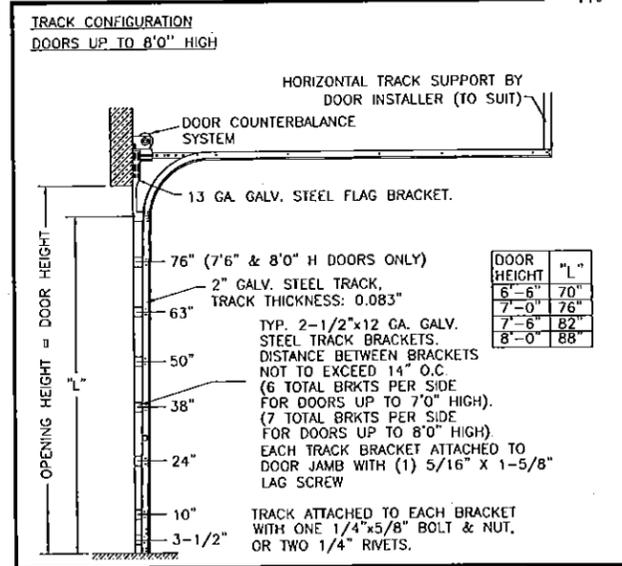
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

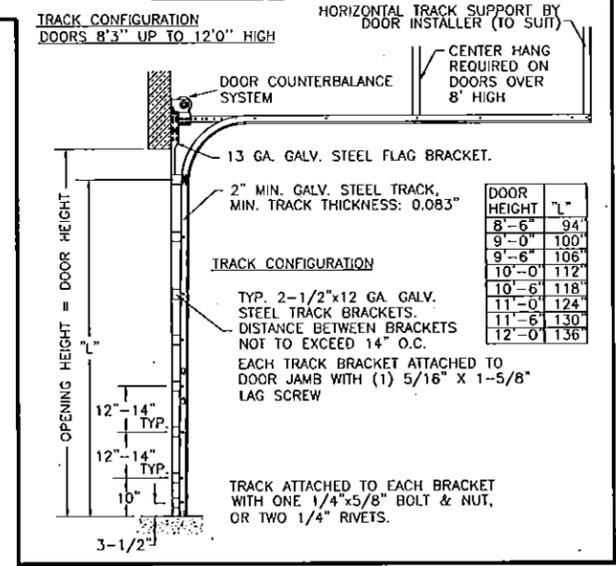
BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
BLOCK WALL	1/4" x 1-1/4" MIN. EMBED TAPCON CONCRETE ANCHOR	6-1/4"	1" O.D.
3000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR	18-1/4"	1" O.D.
3000 PSI MIN. CONCRETE	1/2" x 2-1/4" MIN. EMBED SIMPSON STRONG-TIE WEDGE-ALL WEDGE ANCHOR	12-1/2"	INCLUDED
2000 PSI MIN. CONCRETE	3/8" x 1-3/4" MIN. EMBED SLEEVE ANCHOR	14"	INCLUDED
WOOD FRAME (SYP 0.55 SG)	1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE	14-1/2"	1" O.D.

MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 3", EXCLUDING STUCCO THICKNESS.
 * FIRST (BOTTOM) ANCHOR STARTING AT NO 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.

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



DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"



DOOR HEIGHT	"L"
8'-6"	94"
9'-0"	100"
9'-6"	106"
10'-0"	112"
10'-6"	118"
11'-0"	124"
11'-6"	130"
12'-0"	136"

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

THIS PRODUCT CONFORMS TO THE REQUIREMENTS OF THE 2010 FBC AND THE FIFTH EDITION FBC.

SCOTT HAMILTON, P.E.
 FLORIDA P.E. #57286

DESIGN LOADS: +46.6 P.S.F. & -52.0 P.S.F.

Clopay
 Building Products Company

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

SCALE: N/A
 DATE: 2/27/07
 DRAWN BY: BFA
 CHECKED BY:

CLOPAY WINDOW RATING: W8
 MAX DOOR SIZE: 16'2" W. x 12'0" H.
 DESCRIPTION: COACHMAN
 2" EPS W/OVERLAYS +46.6/-52.0 PSF DESIGN
 DRAWING NUMBER: 103560
 M-D