

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

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 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" PUR Ins. Steel Sectional Garage Door to 16'-2" Wide w/ Opt. Impact Resist. Lites
APPROVAL DOCUMENT: Drawing No. **104112**, titled "Commercial Urethane Insulated Garage Door, +50.0/-56.0 psf Design Load", sheet 1 of 1, dated 05/16/08, with last revision 02, dated 6/2010, prepared by Clipay 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 the following permanent label:

Clipay Building Products Company
 1400 West Market Street
 Troy, OH 45373

and the statement: "Miami-Dade County Product Control Approved".

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 consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



[Handwritten Signature]
 6/16/10

NOA No 10-0503.04
Expiration Date: July 07, 2015
Approval Date: July 07, 2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **104112**, titled "Commercial Urethane Insulated Garage Door, +50.0/-56.0 psf Design Load", sheet 1 of 1, dated 05/16/08, with last revision 02, dated 6/2010, 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 Clopay 16'-2"x 8', 24 ga. steel garage door, Model 3720 with windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0127.01-09**, dated 02/04/09, signed and sealed by David W. Johnson, P.E.

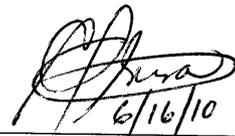
2. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. **30160-04-63365**, dated 01/26/05, signed by John D. Lee, P.E.

C. CALCULATIONS

1. Anchoring calculations, prepared by Clopay Building Products Company, dated 04/20/10, signed and sealed by Scott Hamilton, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)



6/16/10

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 10-0503.04
Expiration Date: July 07, 2015
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E. MATERIAL CERTIFICATIONS

1. Test report on Accelerated Weathering Using Xenon Arc Light Apparatus per ASTM G155 of Lexan SLX2432T Clear Polycarbonate, prepared by Hurricane Engineering & Testing, Inc., Test Report No. **HETI-06-A002**, dated 12/04/06, signed by Rafael E. Droz-Seda, P.E.
2. Test reports on Tensile Test per ASTM E8 of unexposed and exposed clear polycarbonate, Test Reports No. **HETI-06-T566** dated 07/14/06 and **HETI-06-T634** dated 11/08/06 respectively, both signed by Rafael E. Droz-Seda, P.E.
3. Test report on Self-Ignition Temperature per ASTM D1929, Rate of Burn per ASTM D635, and Smoke Density per ASTM D2843 of the Lexan Plastic, prepared by ETC Laboratories, Test Report No. **ETC-06-1024-17496.0**, dated 05/26/06, signed by Joseph L. Doldan, P.E.
4. Test report on Surface Burning Characteristics of Building Materials per ASTM E84 and Standard Test Method for Determining Ignition Properties of Plastics per ASTM D1929 of foamed plastic # 3288-17C2, prepared by Underwriters Laboratories, Inc, Test Report No. **R8410/07CA19626**, dated 05/30/07, signed by James F. Smith.

F. STATEMENTS

1. Statement letter of conformance with FBC 2007, issued by Clopay Building Products Company, dated 04/20/10, signed and sealed by Scott Hamilton, P.E.
2. Statement letter of no financial interest issued by Clopay Building Products Company, dated 04/20/10, signed and sealed by Scott Hamilton, P.E.



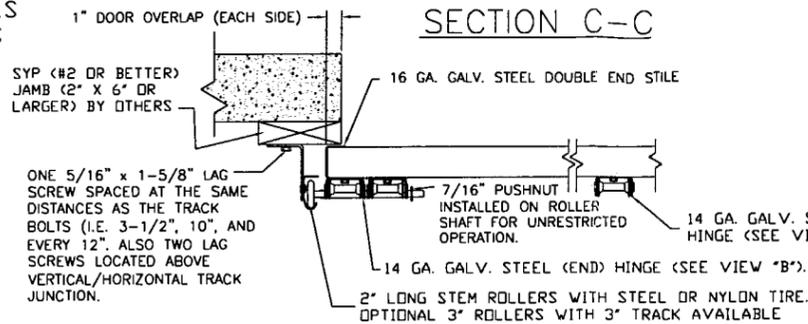
6/16/10

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 10-0503.04
Expiration Date: July 07, 2015
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CLOPAY / IDEAL / HOLMES / BRAND
 3720 / C7X20 / 240U / 27GA 2" THICK RIBBED MODELS
 3722 / COX22 / -- / 20GA 2" THICK FLUSH MODELS

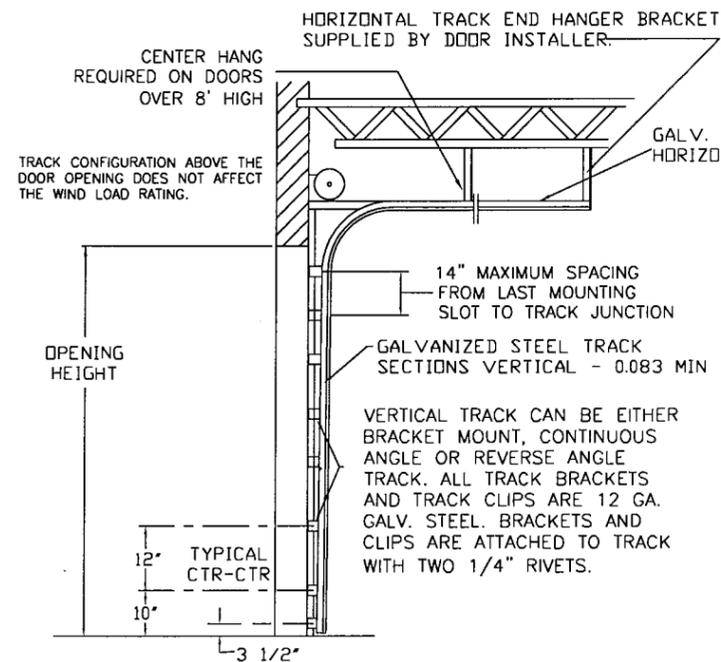
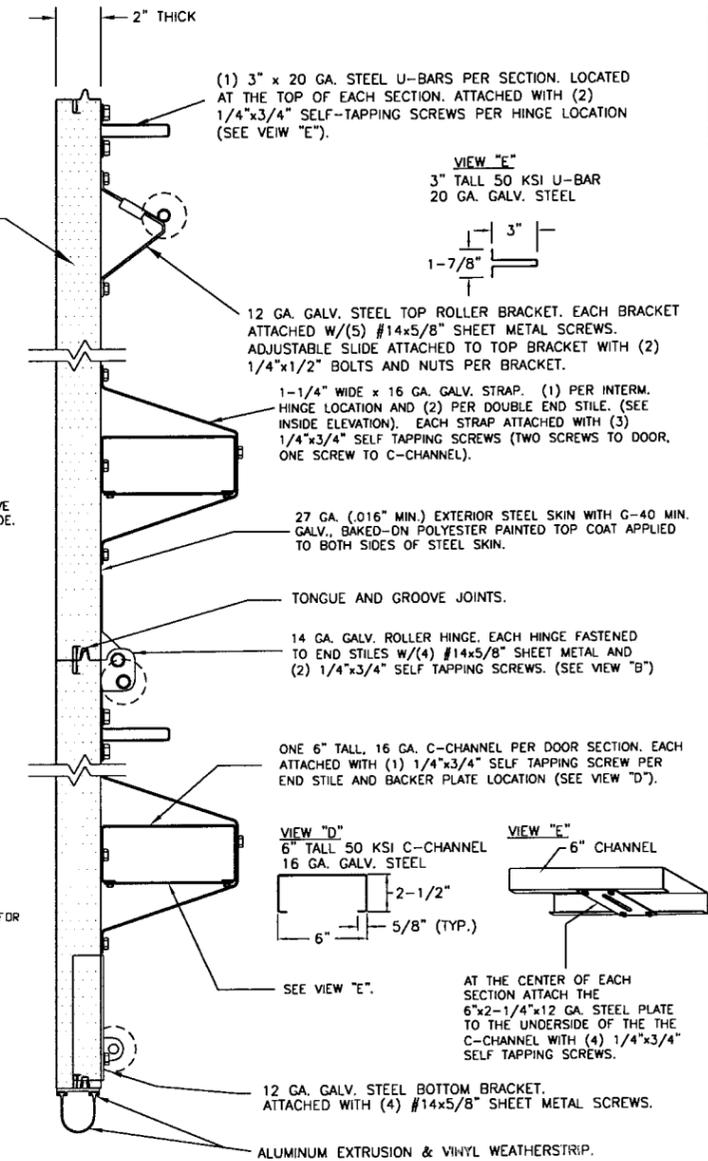
REV	DATE	DESCRIPTION
00	1/2009	PRE-RELEASE VERSION.
01	4/2010	CLARIFIED SECTION A-A.
02	6/2010	REVISED PER M-D COMMENTS.

JAMB CONFIGURATION



SECTION C-C

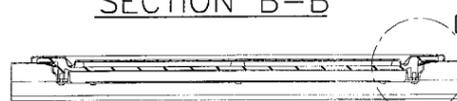
SECTION A-A (SIDE VIEW)



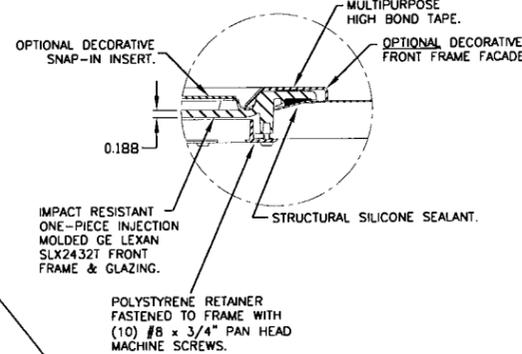
DOOR HEIGHT 'A'	NUMBER OF SECTIONS
8'-0"	4
8'-3" THRU 10'-0"	5
10'-3" THRU 12'-0"	6
12'-3" THRU 14'-0"	7
14'-3" THRU 16'-0"	8
16'-3" THRU 18'-0"	9

MAX. SECTION HEIGHT = 24"

SECTION B-B

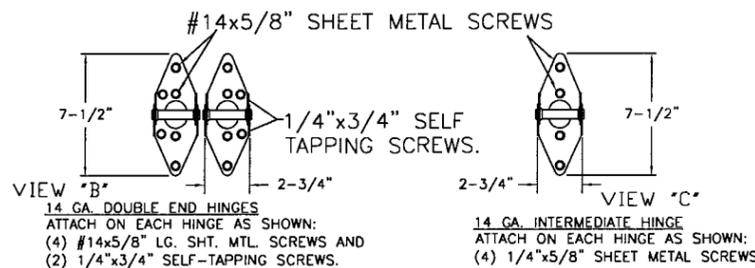


DETAIL 'D'



OPTIONAL: ONE ROW OF IMPACT-RESISTANT GLAZING IN EITHER TOP SECTION (SHOWN) OR INTERMEDIATE SECTION (NOT SHOWN). MAX. GLAZING SIZE IS 18-1/2" x 11". GLAZING IS INJECTION MOLDED GE LEXAN SLX2432T, AN APPROVED CC2 PLASTIC IN ACCORDANCE WITH FBC 2612. SEE SECTION B-B FOR ASSEMBLY DETAILS.

AVAILABLE IN 3" TAPERED ANGLE TRACK (0.101" TRACK AND 0.101" X 3-1/4" X 2-3/4" ANGLE). TRACK BOLT AND LAG SCREW SPACING 3-1/2", 10" AND EVERY 12" AS NOTED ABOVE.



2x6 JAMB (OR LARGER) TO SUPPORTING STRUCTURE ATTACHMENT

FASTENER NOTE: FOR DOORS WITH BRACKET MOUNT TRACK, TRACK MUST BE MOUNTED TO WOOD JAMBS. FOR DOORS WITH CONTINUOUS ANGLE MOUNT TRACK, TRACK MAY BE MOUNTED TO WOOD JAMB OR DIRECTLY TO WALL USING THE FASTENERS PRESCRIBED IN THE TABLE BELOW.

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER SPACING	STEEL WASHERS ROD WITH WOOD JAMBS?
C-90 BLOCK (HOLLOW OR GROUTED)	1/4" x 3" (1-1/4" EMBED) TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	4-1/4"	1" O.D.
2,000 PSI MIN. CONCRETE	1/4" x 4" (1-3/4" EMBED) TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	11-1/2"	1" O.D.
2,000 PSI MIN. CONCRETE	1/2" x 3-3/4" (1-3/4" EMBED) WEDGE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	12-1/2"	INCLUDED
WOOD FRAME	1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE)	13-1/2"	1" O.D.
2,000 PSI MIN. CONCRETE	1/4" x 3" (1-1/8" EMBED) SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	6-1/2"	INCLUDED

ANCHOR NOTE: 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.

Approved as complying with the Florida Building Code
 Date 07/07/2010
 NOA# 10-0503-04
 Miami Dade Product Control
 Division
 By [Signature]

[Signature]
 6/11/10
 DESIGN ENGINEER
 SCOTT HAMILTON, P.E.
 FLORIDA P.E. #63286

DESIGN LOADS: +50.0 P.S.F. & -56.0 P.S.F.

Clopay
 Building Products
 Company

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

MANUFACTURING PRODUCT CODE: C-DSIU-1F471
 DATE: 5/16/08
 DRAWN BY: BFA
 CHECKED BY: SH

CLOPAY WINDLOAD RATING	MAX DOOR SIZE:
W8	16'2"W x 18'0"H

DESCRIPTION: COMMERCIAL URETHANE INSULATED GARAGE DOOR +50.0/-56.0 PSF DESIGN LOAD

DRAWING NUMBER:	VER
B 104112	MD

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