

### 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)**

Clopay Corporation 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 1-3/4" Intellicore Insulated W6 DP36 Steel Sectional Garage Door up to 14'-2" Wide w/ Optional Impact Resistant Lites

**APPROVAL DOCUMENT:** Drawing No. **104043**, titled "1-3/4" Intellicore Doors up to 14'2"W", sheets 1 through 3 of 3, dated 04/21/2014, with revision 11 dated 05/06/2024, prepared by Clopay Corporation, signed and sealed by Mark Westerfield, 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, 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 and revises NOA # 23-0928.40 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

NOA No 24-0513.05 Expiration Date: July 10, 2029

Approval Date: June 6, 2024

Page 1

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA's

#### A. DRAWINGS "Submitted under NOA # 19-0514.02"

Drawing No. **104043**, titled "1-3/4" Intellicore Doors up to 14'2"W", sheets 1 through 3 of 3, dated 04/21/2014, with revision 8 dated 7/2017, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E. on 05/06/2019.

#### B. TESTS "Submitted under NOA # 14-0505.10"

- 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 14'2"x 8', 27ga steel garage door Model 3717W6 with Lexan MR10 windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0203.01-14**, dated 02/20/2014 and Addendum to Test Report No.

**ATLNC 0203.01-14**, dated 06/05/2014, signed and sealed by David W. Johnson, P.E.

- 2. 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 Model GD2LPW8 with MAK SL and/or MAK 15 windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 1105-01-13**, dated 01/14/2014, signed and sealed by David W. Johnson, P.E.

3. 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 # 14-0505.10"

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 04/17/2014, signed and sealed by Mark Westerfield, P.E.

#### D. **QUALITY ASSURANCE**

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

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 24-0513.05
Expiration Date: July 10, 2029
Approval Date: June 6, 2024

E - 1

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **15-0915.08** issued to SABIC Innovative Plastics, US LLC for their Lexan Polycarbonate Sheet Products, approved on 12/10/2015, expiring on 07/17/2018.
- 2. Notice of Acceptance No. **17-0410.01** issued to Covestro LLC for their Makrolon Polycarbonate Sheets, approved on 06/08/2017, expiring on 08/27/2022.
- **3.** Test report on Surface Burning Characteristics, per ASTM E84 of the polyurethane, Test Report No. **100585112SAT-001A**, prepared by Intertek Testing Services, NA, Inc., dated 12/13/2011, signed by Servando Romo.

#### F. STATEMENTS "Submitted under NOA #15-0225.23"

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

#### 2. Evidence submitted under previous NOA # 20-0922.38

#### A. DRAWINGS

1. Drawing No. **104043**, titled "1-3/4" Intellicore Doors up to 14'2"W", sheets 1 through 3 of 3, dated 04/21/2014, with revision 9 dated 08/28/2020, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E.

#### B. TESTS

1. None.

#### C. CALCULATIONS

1. None.

#### D. **QUALITY ASSURANCE**

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

#### E. MATERIAL CERTIFICATIONS

1. None.

#### F. STATEMENTS

1. Statement letter of code conformance to 7<sup>th</sup> edition (2020) FBC and Statement letter of no financial interest issued by Clopay Building Products Company, dated 09/15/2020, signed and sealed by Mark Westerfield, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 24-0513.05
Expiration Date: July 10, 2029
Approval Date: June 6, 2024

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### 3. New evidence submitted

#### A. DRAWINGS

1. Drawing No. **104043**, titled "1-3/4" Intellicore Doors up to 14'2"W", sheets 1 through 3 of 3, dated 04/21/2014, with revision 11 dated 05/06/2024, prepared by Clopay Corporation, signed and sealed by Mark Westerfield, 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, TAS 202-94
  - 5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of 14' 2"x 8', 27ga steel garage door Model 3717W6 with Lexan MR10 windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0401.02-24**, dated 05/01/2024, signed and sealed by David W. Johnson, P.E.

#### C. CALCULATIONS

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 05/06/2024, signed and sealed by Mark Westerfield, P.E.

#### D. QUALITY ASSURANCE

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

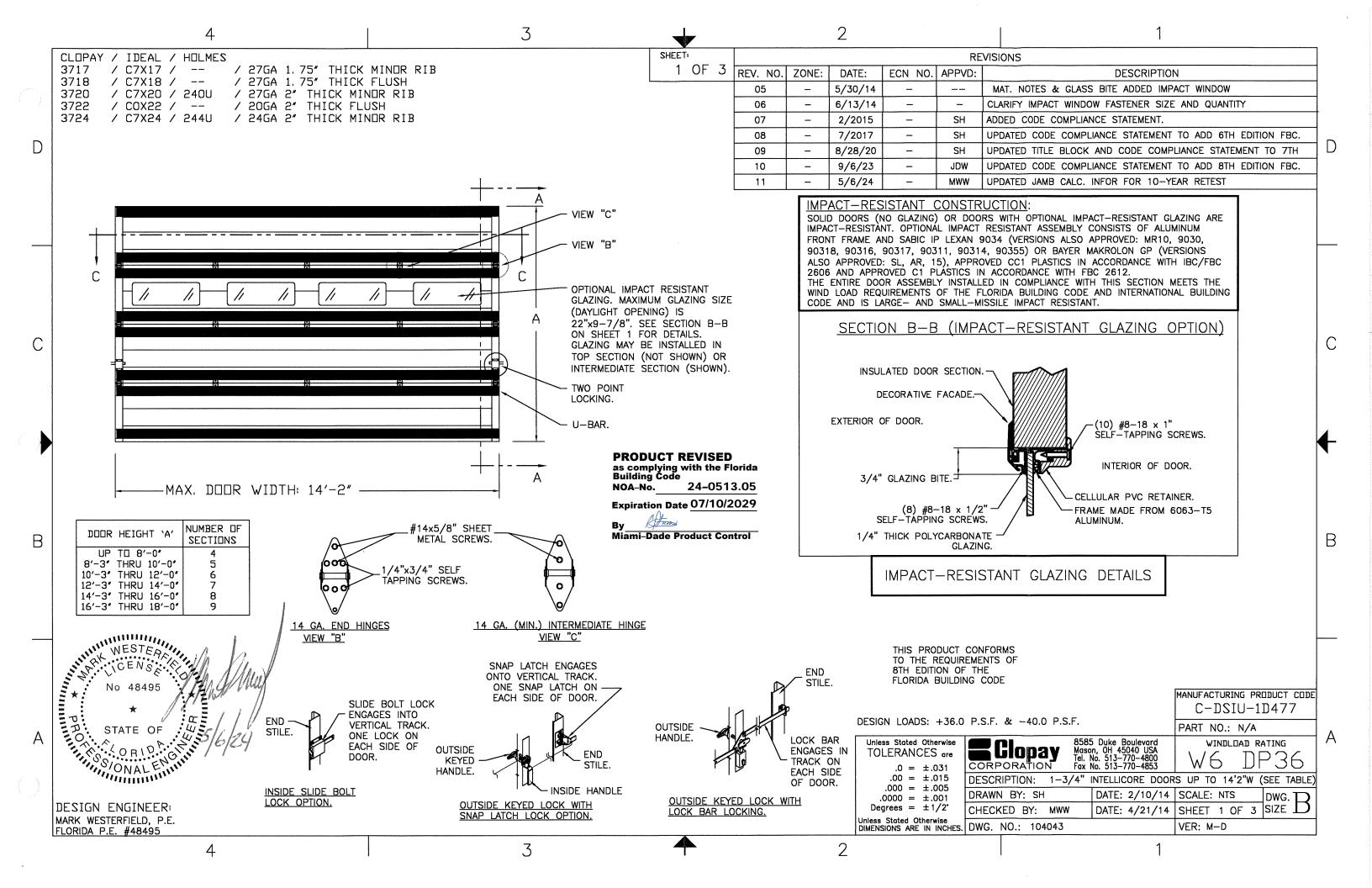
#### E. MATERIAL CERTIFICATIONS

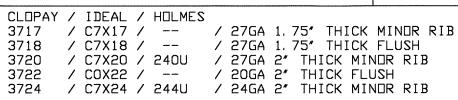
- 1. Notice of Acceptance No. **24-0117.13** issued to SABIC Innovative Plastics, US LLC for its Lexan Polycarbonate Sheet Products, approved on 02/22/2024, expiring on 04/01/2026.
- 2. Notice of Acceptance No. **24-0205.09** issued to Plaskolite, LLC for its TUFFAK Polycarbonate Sheets, approved on 05/09/2024, expiring on 08/27/2027.
- 3. Test report on Surface Burning Characteristics, per ASTM E84-21a of the Elastopor 53021R Polyurethane Foam, Test Report No. **BASF(639)030623-71BR1**, prepared by ICC-NTA, LLC, dated 03/27/2023, signed by Glenn Schwabe.
- 3. Test report on Ignition Temperature, per ASTM D1929-2023 of the IC1 EP50279, Test Report No. 105638072MID-001A, prepared by Intertek, dated 11/16/2023, signed by Sandy Osborne.

#### F. STATEMENTS

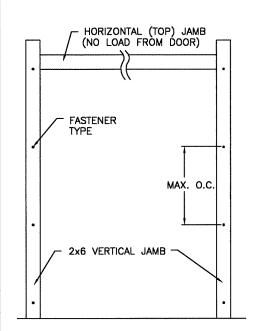
- 1. Statement letter of code conformance to the 8<sup>th</sup> edition (2023) of the FBC, issued by Clopay Corporation, dated 05/06/2024, signed and sealed by Mark Westerfield, P.E.
- 2. Statement letter of no financial interest, issued by Clopay Corporation, dated 05/06/2024, signed and sealed by Mark Westerfield, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 24-0513.05
Expiration Date: July 10, 2029
Approval Date: June 6, 2024





SHEET **REVISIONS** 2 OF 3 ECN NO. APPVD: REV. NO. ZONE: DATE: DESCRIPTION 10 SEE REVISION HISTORY ON SHEET ONE.



PRODUCT REVISED

**Building Code** 

NOA-No.

as complying with the Florida

Expiration Date 07/10/2029

Miami-Dade Product Control

24-0513.05

#### JAMB TO SUPPORTING STRUCTURE ATTACHMENT

NOTES:

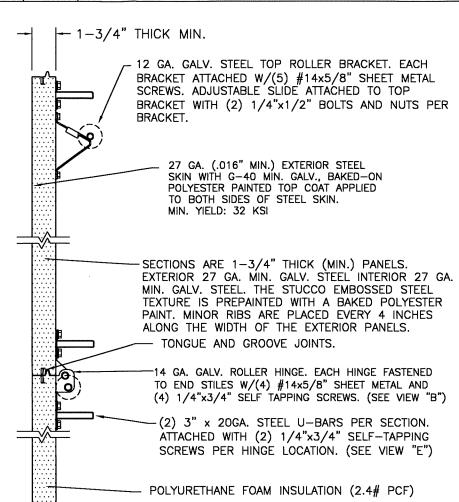
1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.

- 2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +252 LB & -280 LB. PER LINEAR FOOT OF JAMB.
- 3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
- 4. 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: 2x6 WOOD JAMBS ARE NOT REQUIRED WITH CONTINUOUS ANGLE MOUNT TRACK. HOWEVER, IF DESIRED ON STEEL JAMBS OR CONCRETE OR BLOCK WALLS, APPROVED FASTENERS AS DETAILED BELOW SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE STEEL JAMBS OR CONCRETE OR BLOCK WALLS. ANCHORS CAN BE (BUT ARE 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 OR STEEL JAMBS.

> VIEW "E" 3" TALL 50 KSI U-BAR 20 GA. GALV. STEEL.

> > MAXIMUM



27 GA. (.016" MIN.) INTERIOR STEEL SKIN WITH G-40 MIN. GALV., BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN.

12 GA. GALV. (3" x 8") STEEL BOTTOM BRACKET. ATTACHED WITH (4) #14x5/8" SHEET METAL SCREWS. ALUMINUM EXTRUSION & VINYL WEATHERSTRIP.

SECTION A-A (SIDE VIEW)

# No 48495 STATE OF TONAL FAMI

DESIGN ENGINEER: MARK WESTERFIELD, P.E. FLORIDA P.E. #48495

#### FASTENER ATTACHMENT TO SUPPORTING STRUCTURE SCHEDULES

	<u> </u>	INTERNATION IN	1 1
	!	ON-CENTER	1
	l l	DISTANCE	STEEL
	<u> </u>	BETWEEN	WASHERS
BUILDING TYPE			REQUIRED?
HOLLOW BLOCK WALL	1/4" x 1-1/4" MIN. EMBED CARBON STEEL CONCRETE SCREW	8-1/2"	1" O.D.
GROUT FILLED BLOCK WALL	1/4" x 1-3/4" MIN. EMBED CARBON STEEL CONCRETE SCREW	17-1/2"	1" O.D.
2000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR	21"	1" O.D.
4000 PSI MIN. CONCRETE	1/4" x 1-3/4" MIN. EMBED TAPCON CONCRETE ANCHOR	24"	1" O.D.
2500 PSI MIN. CONCRETE	3/8" x 3" NOMINAL EMBED HILTI KWIK BOLT TZW CONCRETE ANCHOR	24"	1-1/2" O.D.
WOOD FRAME (SYP 0.55 SG)	1/2" x 1-1/2" EMBED LAG SCREW (ASTM A307, GRADE A)	24"	1-3/8" O.D.
14GA STEEL (0.075" MIN.)	1/4"-14 x 1" MIN. ITW BUILDEX TEKS SELF-DRILLING FASTENER	11-1/4"	1" O.D.
12GA STEEL (0.105" MIN.)	1/4"-14 x 1" MIN. ITW BUILDEX TEKS SELF-DRILLING FASTENER	15-3/4"	1" O.D.
1/8" STEEL	1/4"-14 x 1" IMIN. TW BUILDEX TEKS SELF-DRILLING FASTENER	18-3/4"	1" O.D.

\* 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.

MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.

MANUFACTURING PRODUCT CODE C-DSIU-1D477 DESIGN LOADS: +36.0 P.S.F. & -40.0 P.S.F. PART NO.: N/A 8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Unless Stated Otherwise WINDLOAD RATING Globay TOLERANCES are W6 CORPORATION Fax No. 513-770-4853  $.0 = \pm .031$  $.00 = \pm .015$ DESCRIPTION: 1-3/4" INTELLICORE DOORS UP TO 14'2"W (SEE TABLE)  $.000 = \pm .005$ DRAWN BY: SH DATE: 2/10/14 | SCALE: NTS SCALE: NTS DWG. BIZE  $.0000 = \pm .001$ Degrees =  $\pm 1/2$ CHECKED BY: MWW DATE: 4/21/14 Unless Stated Otherwise DIMENSIONS ARE IN INCHES. DWG. NO.: 104043 VER: M-D

3

