Amarr Garage Doors dba Entrematic
165 Carriage Court
Winston-Salem, NC 27105

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: Model 1000 Amarr 2432 EPS Insulated Steel Sectional Garage Door up to 16'-2" Wide with Impact Resistant Windows

APPROVAL DOCUMENT: Drawing No. IBC-1016-185-26-F, titled “Model 1000 Amarr 2432”, sheets 1 through 3 of 3, dated 01/22/2018, prepared by Amarr Garage Doors, signed and sealed by Thomas L. Shelmerdine, P.E. on 09/07/2018, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer’s name or logo, 3800 Greenway Circle, Lawrence, KS 66046, 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 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.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

B. TESTS
1. Addendum letter to Test Report No. **ATLNC 0718.01-17**, dated 09/05/2018, 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 Amarr 16"x2"x 8’ 24/27 ga steel garage door Model 1000, prepared by American Test Lab, Inc, Test Report No. **ATLNC 0718.01-17**, dated 02/13/2018, signed and sealed by David W. Johnson, P.E.
3. Test report on Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments per ASTM D1654-08 & ASTM B117-11, prepared by Intertek/ATI, Test Report # **C5463.01-106-18**, dated 04/03/2013, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS
1. Anchor calculations prepared by Structural Solutions, P.A., dated 03/21/2018, signed and sealed by Thomas L. Shelmerdine, P.E.

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

E. MATERIAL CERTIFICATIONS
1. Notice of acceptance No. 17-1219.02 issued to Covestro, LLC for its Makrolon Polycarbonate Sheets, approved on 03/22/2018 and expiring on 08/27/20222.
2. UL Evaluation Report No. UL ER7503-01 issued to Flint Hills Resources, LP for its Grades 54 and 40 EPS Resins, issued on 05/22/2013 and revised on 05/12/2014.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0504.03
Expiration Date: November 8, 2023
Approval Date: November 8, 2018
WOOD JAMB ATTACHMENT TO STRUCTURE (OPTIONAL)

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" x 3" LAG SCREWS STARTING 6" FROM ENDS
THEN 12" O.C. (1 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" x 3" LAG SCREWS STARTING 6" FROM ENDS
THEN 12" O.C. (1 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK (1800 PSI MIN)
SIMPLIFIED 1/4" x 3" TITCH SCREWS STARTING 6" FROM ENDS,
USE PAIRS OF FASTENERS (3" APART)
AT 12" O.C. (1 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK (2000 PSI MIN)
HILTI SLEEVE ANCHOR 1/4" x 2-3/4" STARTING 6" FROM ENDS,
USE PAIRS OF FASTENERS (3" APART) AT 12" O.C. (1 1/4" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO HOLLOW C-90 BLOCK (2500 PSI MIN)
HILTI SLEEVE ANCHOR 1/4" x 2-3/4" STARTING 6" FROM ENDS,
USE PAIRS OF FASTENERS (3" APART) AT 12" O.C. (1 1/4" EMBEDMENT)

NOTES:
1. ANCHORS TO BE EVENLY SPACED BETWEEN THE HEADER AND FLOOR.
2. FIRST BOTTOM ANCHOR STARTING AT NO MORE THAN 1/2" OF THE MAXIMUM IN-CENTER DISTANCE.
3. ALL ANCHORS INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
4. MIN. EMBEDDING OF 1 1/2" REQUIRED.
5. USE WASHERS PROVIDED BY THE ANCHOR MANUFACTURER.
6. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER FOR WIND LOADS IN ADDITION TO OTHER LOADS.
7. NO GARAGE DOOR TRACK TO EXCEEDER WOODEN STEEL.
8. ALL WOOD SHOULD BE PERFORATED BY A CERTIFIED WELDER OR INSPECTED BY A CERTIFIED WELDING INSPECTOR TO VERIFY THE INTENSITY OF THE WELD.
9. FILL WELD TO HAVE A STRAIGHT OR CONVEX SURFACE.
10. WELD TO FEATURING ON ANGLES AT SAME SPACING TO PREVENT RISATION OF TRACK ANGLE.

TRACK CONNECTION TO WOOD JAMB OPTIONS

FOR LAG SCREWS & BRACKET SPACING SEE TABLE 1 ON PAGE 3

---

TRACK CONNECTION DIRECTLY TO STRUCTURE OPTIONS

---

PRODUCT APPROVED

MIAH D4: 11/08/2016

AMARR ENTREPRENEUR

MODEL 1000 AMARR 2432

SIZE SHEET BY D. 8x10 1/2 1/16 DOOR WIDTH

DESIGN SHEET BY T. 8x10 1/2 1/16 DOOR WIDTH

EXHIBIT

DODカラー COURT, VANNTON-SALEM, NC 27702

WEIGHT OF 3