NOTICE OF ACCEPTANCE (NOA)

Quality Engineered Products Co., Inc.
4506 Quality Lane
Tampa, FL 33634

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: Series 16 ga Outswing Double Flush Steel Doors-Impact

APPROVAL DOCUMENT: Drawing titled “8”-0” X 8’0” Double/Single Flush Door (outswing)”, sheets 1 through 9 of 9, dated 11/23/2015, prepared by manufacturer, signed and sealed by Cody C. Davis, 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

Limitations:
1. The alternate Stainless Steel Doors shall be min 16 ga (.063” thk. Min.) w/ Tensile yield strength of min. 50.5 ksi and ultimate strength=98.5 ksi.
2. Doors w/ Pemko 2001AV threshold (item 5A) are not rated for water infiltration.
3. Fiberglass insulation shall have current approval or shall meet the FBC requirements.

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

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 revises NOA # 15-0422.02 and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED


A. DRAWINGS
   1. None.

B. Test
   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 conformance to FBC 2017 (6th Edition) and "No financial interest" dated 12/01/17, prepared by Master Consulting Inc., signed and sealed by Cody C. Davis, P.E.

G. OTHER
   1. This NOA revises NOA # 15-0422.02, expiring 10/13/20.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.01
Expiration Date: October 13, 2020
Approval Date: January 11, 2017
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
1. Manufacturer's die drawings and sections (Submitted under files below)
2. Drawing titled “8'-0" X 8'-0" Double/Single Flush Door (outswing)”, sheets 1 through 9 of 9, dated 11/23/2015, prepared by manufacturer, signed and sealed by Cody C. Davis, P.E.

B. TESTS (Submitted under file #12-1115.13/#10-0629.03)
1. Test reports on 1) Air Infiltration Test, per FBC TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202.
3) Water Resistance Test per FBC, TAS 202-94 (See threshold type).
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC and TAS 202-94

Along with marked-up drawings and installation diagram of double Outswing Flush Steel Doors, prepared by Certified Testing Lab Inc., Test Report No. CTLA-1998W, dated 04/07/10, signed and sealed by Ramesh Patel, P.E.

C. CALCULATIONS
1. Anchor verification calculations complying w/ FBC 2014(5th Edition), dated 10/21/2015 and last revised on 11/20/2015, prepared, signed and sealed by Cody C. Davis, P.E.

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

E. MATERIAL CERTIFICATIONS (Except item #1, submitted under files#12-1115.13/#10-0629.03)
1. Technical Strength data sheet of ATI 304 Stainless Steel issued by ATI Allegheny Ludlum.
2. Tensile test report prepared by prepared by Certified Testing Lab Inc., Test Report No. CTLA-1998W, tested per ASTM E8/A370, dated 08/19/10 signed and sealed by Ramesh Patel, P. E.
3. Notice of Acceptance No. 06-0823.09 issued to Dow Corning for “Fold Form Insulation”, expiring on 05/31/2012.
4. Underwriter test report file # R3576 (Proj #09NK13240) dated Nov 16, 2009 for Surface Burning Characteristics for Fiberglass Batts & Blanket per ANSI/UL-723 & ASTME-84, issued to Owens Corning, Toledo, OH.

F. STATEMENTS
1. Statement letter of conformance to FBC 2014(5th Edition) and “no financial interest”, dated 09/30/15, signed and sealed by Cody C. Davis, P.E.
2. Statement letter of compliance, as a part of the above referenced test reports.

G. OTHER
1. This revises & renews NOA # 12-1115.13, expiring October 13, 2020.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.01
Expiration Date: October 13, 2020
Approval Date: January 11, 2017
QUALITY ENGINEERED PRODUCTS

8'-0" x 8'-0" DOUBLE/SINGLE FLUSH DOOR
(OUTFRAME)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE (FIFTH EDITION) 2014 FLORIDA BUILDING CODE (FBC), INCLUDING HANDS AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
   - TBTA-206/MB102-94 (STRUCTURAL ONLY)/TBAS 203-94
   - ADEQUACY OF THE EXISTING STRUCTURAL CONCEPT/MATERIAL/STUDY AND ZOA FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING IMPACT PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT.

2. (3) 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE.
   BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT.

3. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL AND MAY NOT REFLECT Actual CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS DIFFER FROM INSTALLATION TO DEViate FROM THE REQUIREMENTS DESCRIBED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE-SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT. ARCHITECT AND CONTRACTOR SHALL REVIEW THESE DOCUMENTS FOR USE WITH THIS DOCUMENT FOR NON-PERMISSIVE ONE-TIME APPROVAL IS REQUIRED FROM COUNTY/STATE.

4. THIS PRODUCT IS LARGE AND SMALL ANIMAL IMPACT RESISTANT APPROVED. IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.

5. DOOR AND FRAME MATERIAL: 3/8" OR 1/2" STEEL, WHICH MEETS TBAS 203-94 (TABLE 3.2.3) REQUIREMENTS FOR VOTATION OF AVALABILITY STRENGTH.

DESIGN PRESSURE RATING:

WHERE WATER FRACTION REQUIREMENT IS NEEDED
(WATER VAPE TESTING AS REQUIRED)

POSITIVE
-800 P.S.I.
-800 P.S.I.

NEGATIVE
-800 P.S.I.
-800 P.S.I.
TYP. CORNER DETAIL

DOOR/HINGE STEEL HINGE PLATE REINF.
7 GAUGE X 1-1/4" X 10"

ACTIVE DOOR
LOCK/DEAD BOLT REINFORCEMENT

INACTIVE DOOR
LOCK/DEAD BOLT STRIKE PLATE REINFORCEMENT

ACTIVE DOOR
MORTISE LOCK REINFORCEMENT

INACTIVE DOOR
MORTISE LOCK STRIKE PLATE REINFORCEMENT

DEADBOLT STRIKE ATTACHED DIRECTLY TO 12 GA. CHANNEL WITH #8-32 X 1/2" SCREWS

LOCK STRIKE ATTACHED DIRECTLY TO 12 GA. CHANNEL WITH #12-24 X 1/2" SCREWS

WELDED CORNERS

INTERLOCKED TAB