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 “HMF” 16 ga Outswing Full Louvered Commercial Steel Door-Impact

APPROVAL DOCUMENT: Drawing No. QEP005, titled “Full Louvered Steel Doors”, sheets 1 through 7 of 7, prepared by manufacturer, dated 01/31/18, signed and sealed by Cody 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. Not approved where Air & Water infiltration is needed.
2. Doors are 16 ga (min. .063” thk) with min CS Tensile yield strength Fy= 46.3 ksi and Tensile ultimate strength Fu= 52.1 KSI and SS Tensile yield strength Fy= 50.5 ksi and Tensile ultimate strength Fu= 98.5 KSI

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 # 15-0422.11 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

1. Evidence previously submitted

A. DRAWINGS
   1. Manufacturer's die drawings and sections (Submitted under files below)
   2. Drawing No. QEP005, titled “Full Louvered Steel Door”, sheets 1 through 7 of 7, prepared by
      manufacturer, dated 02/26/16, with Revision 1 dated 02/26/16, signed and sealed by Cody Davis, P. E.

B. TESTS (Submitted under files #15-0422.11/#14-1015.05/#09-0812.17/ #04-0823.03)
   1. Test reports on 1) Air Infiltration Test, per FBC TAS 202-94 (Not Performed)
      2) Uniform Static Air Pressure Test, Loading per FBC TAS 202.
      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 full louvered
and sealed by Ramesh Patel, P. E.)

Along with marked-up drawings and installation diagram of double Outswing Flush Steel Doors,
prepared by Certified Testing Laboratories Inc., Test Report No. CTLA 1998W, dated 04/06/10,
signed and sealed by Ramesh Patel, P. E.

C. CALCULATIONS
   1. Anchor verification calculations, dated 05/17/16, prepared, signed and sealed Cody Davis, P.E.

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

E. MATERIAL CERTIFICATIONS
   1. Tensile test report prepared by Certified Testing Laboratories Inc., Test Report No. CTL 1023J
      (CTL114W), tested per ASTM E-A370-97, dated December 02,2003, signed and sealed by
      Ramesh Patel, P. E. (Submitted under file # 09-0812.17)
   2. Tensile test report prepared by Certified Testing Laboratories Inc., Test Report No. CTL 0638K
      (CTL1255W), tested per ASTM E-A370-97, dated 09/13/04, signed and sealed by Ramesh
      Patel, P. E.
   3. Notice of Acceptance No. 11-0926.07 issued to Dyplastic Products, LLC (former Apache
      Products Co) for “EPS-Expanded Polystyrene Insulation”, expiring on 01/11/2017.

F. STATEMENTS
      interest”, issued, prepared, signed, sealed and dated 05/31/16 by Cody Davis, P. E.
   2. Statement letter dated 05/31/16 of successor engineer adopting as his own, another engineer's
      work per FAC, Rule Chapter 61G15-27, issued by Master Consulting Engineers, Inc., both
      signed and sealed by Cody Davis, P. E.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.09
Expiration Date: October 28, 2019
Approval Date: March 01, 2018

E - 1
Quality Engineered Products Co, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER
   1. This revises & renews NOA # 14-1015.05, expiring October 28, 2019.


A. DRAWINGS
   1. Drawing No. QEP005, titled “Full Louvered Steel Doors”, sheets 1 through 7 of 7, prepared by manufacturer, dated 01/31/18, signed and sealed by Cody Davis, P. E.

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. Notice of Acceptance No. 17-1207.05 issued to Dyplastic Products, LLC (former Apache Products Co) for “E& R-Board Expanded Polystyrene rigid Foam Insulation”, expiring on 01/11/2022.

F. STATEMENTS

H. OTHER
   1. This NOA revises # 15-0422.10, expiring 12/30/19.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.09
Expiration Date: October 28, 2019
Approval Date: March 01, 2018
QUALITY ENGINEERED PRODUCTS

FULL LOUVERED COMMERCIAL STEEL DOOR
(OUTSWING)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE IRC 6TH EDITION (2017), INCLUDING H50, AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

2. ADEQUACY OF THE EXISTING STRUCTURAL, CONCRETE, MASONRY, STRUCTURAL STEEL AND FRAMING AS A HAC ZONE CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD FOR THE PROJECT OF INSTALLATION.

3. IX AND IX-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 THE PROJECT OF INSTALLATION.

4. RECORD FOR THE INSTALLATION DETAILS DESIGNED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEPART FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

5. THIS PRODUCT IS LARGE AND SMALL, MESSILE IMPACT RESISTANT. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED OR AN IMPACT RESISTANT PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.

6. DOOR AND DOOR FRAME MATERIAL: 16 GA. OR 14 GA. STEEL MEETNG FYN+50,500 PSI, FYN-10,500 PSI OR STAINLESS STEEL FYN+50,500 PSI, FYN-10,500 PSI. MILL CERTIFICATE REQUIRED FOR VERIFICATION OF MECHANICAL STRENGTH.

7. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
   - X: OPERABLE PANEL
   - O: FIXED PANEL

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DESIGN PRESSURE RATING (OUTSWING DOORS WITH LOUVERS)

WHERE AIR AND WATER FILTRATION REQUIREMENT IS NOT NEEDED WHERE AIR AND WATER FILTRATION REQUIREMENT IS NEEDED MESSILE IMPACT RATING

POSITIVE
-700 PSF
NOT APPROVED
LARGE AND SMALL IMPACT RATED

NEGATIVE
-700 PSF
NOT APPROVED
LARGE AND SMALL IMPACT RATED
EXTERIOR ELEVATION
OUTSWING DOOR

1/2" SQUARE BAR STOCK

WELD

DETAIL A

36.00" MAX. LOUVER WIDTH
9.00" MAX. LOUVER HEIGHT
80.00" MAX. LOUVER HEIGHT

(3) PIECES; EACH LOUVER, 1/2" SQUARE BAR STOCK FROM TAMPA STEEL & SUPPLY WELDED TO LOUVER FRAME AND TACK WELDED TO EACH LOUVER BLADE

EACH LOUVER ATTACHED TO THE DOOR WITH (38) #8 X 1/2" SQUARE DRIVE SCREWS

- (LEFT)
- (RIGHT)
- (TOP)
- (BOTTOM)

INTERIOR VIEW
LOUVER

SEE DETAIL A
**DETAIL B**

16 GAUGE STEEL CLOUDED TOP CHANNEL SPOT WELD 4" O.C.

**DETAIL C**

16 GAUGE STEEL CUT CHANNEL

**DETAIL D**

PEMKO 2005AV THRESHOLD WITH VINYL SEAL

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**STEEL HINGE PLATE**

7 GAUGE X 1-1/4" X 10"

**INACTIVE DOOR**

1/4" X 2" TAPCON SET @ 12" O.C. EMBED INTO CONCRETE WITH 1-3/4" MIN. PENETRATION

**ACTIVE DOOR**

DEADBOLT STRIKE ATTACHED DIRECTLY TO CHANNEL WITH 8/32 X 1/2" SCREWS

**LOCK STRIKE ATTACHED DIRECTLY TO CHANNEL WITH 8/32 X 1/2" SCREWS**

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**NOTES:**
- STRUCTURAL MEMBER AT HEADER MUST DESIGN TO CARRY 179 U/F LOAD AND MUST BE REVIEWED BY BUILDING OFFICIAL.