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 Single Flush Commercial Steel Door-Impact

APPROVAL DOCUMENT: Drawing No. QEP001, titled “Single Flush Door (Inswing)”, 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 water infiltration requirement 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.
3. Doors w/ cylindrical lock & standard reinforced are rated at +/- 80 psf.
4. Doors w/ Mortise lock w/ dead bolt & Hat Channel reinforced are rated at +/- 110 psf.
5. Approved EPS core by Dyplast (Former Apache) having current NOA.
6. Sill installation w/ 3/16” Tapcon, limited to min. 3000 psi concrete.

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 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 revives NOA #15-0422.10 and 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 Ishaq I. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence previously submitted

A. DRAWINGS
   1. Manufacturer's die drawings and sections (see files referenced below)
   2. Drawing No. QEP001, titled “Single Flush Door (Inswing)”, sheets 1 through 7 of 7, prepared by manufacturer, dated 02/26/16, signed and sealed by Cody Davis, P.E.

B. TESTS (Submitted under file #15-0422.10/#12-1115.10/# 09-0604.11)
   1. Test reports on 1) Air Infiltration Test, per FBC TAS 202-94
      2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202.
      4) Large Missile Impact Test per FBC, TAS 201-94
      5) Cyclic Missile 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 Single Outswing /Inswing Flush and Glazed Commercial Steel Doors, prepared by Architect Testing Lab Inc., Test Report No. 84528.01-401-18, dated May 19, 2009 (This test report was last revised on 11/06/09) , signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS
   1. Anchor verification calculations, complying with FBC-2014, prepared, signed, sealed and dated 05/17/16, by 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 prepared by Architect Testing, Test Report No. 84528.01-401-18, tested per ASTM E8-03, dated 11/09/09 signed and sealed by Joseph A. Reed, P. E.
   2. Notice of Acceptance No. 11-0926.07 issued to Dyplast Products, LLC (former Apache Products Co) for “EPS-Expanded Polystyrene Block Type Insulation”, expiring on 01/11/2017.

F. STATEMENTS
   2. Statement letter of no financial interest, issued, prepared, signed, sealed and dated 05/17/16 by Cody Davis, P.E.
   3. Statement letter of compliance, as a part of the above referenced test reports.
   4. Statement letter dated 05/17/16 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.

G. OTHER
   1. Notice of Acceptance No. 14-0910.05, issued to Quality Engineering Products Co., Inc. for their Series 16 GA Inswing Single Flush Commercial Steel Door-Impact approved on 12/18/14 and expiring on 12/30/19.

Ishaq J. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.08
Expiration Date: December 30, 2019
Approval Date: March 01, 2018

A. DRAWINGS
   1. Drawing No. QEP001, titled “Single Flush Door (Inswing)”, 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

G. OTHER
   1. This NOA revises # 15-0422.10, expiring 12/30/19.
QUALITY ENGINEERED PRODUCTS

SINGLE FLUSH DOOR (INSWING)

GENERAL NOTES:
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DESCRIBED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT FOR NON-“MICASE A” TIME APPROVAL REQUIREMENTS FOR “MICASE A” FROM MIAMI-DADE COUNTY.
4. THIS PRODUCT IS LARGE AND SMALL MISSILE IMPACT RESISTANT APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
5. DOOR FRAME MATERIAL: STEEL
6. DESIGNATIONS “X” FOLLOWING: X OPERABLE PANEL

INSWING DOOR (EXTERIOR VIEW)

TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SHEET</th>
<th>REVISION</th>
<th>SHEET DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>INSTALLATION &amp; GENERAL NOTES</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>CYLINDRICAL LOCK SECTIONS</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>MORTISE LOCK SECTIONS</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>INTERNAL SECTIONS &amp; DOOR DETAILS</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>STEEL REINFORCEMENTS</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>ANCHOR DETAILS</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>COMPONENTS &amp; BILL OF MATERIALS</td>
</tr>
</tbody>
</table>

NECESSARY CODE/FLORIDA BUILDING CODE DESIGN PRESSURES

<table>
<thead>
<tr>
<th>SHEET WATER</th>
<th>SHEET WATER INFECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOT REQUIRED</td>
<td>REQUIREMENTS ARE NOT REQUIRED</td>
</tr>
</tbody>
</table>

MISSILE IMPACT RATING

<table>
<thead>
<tr>
<th>CYLINDRICAL LOCK</th>
<th>MORTISE LOCK</th>
</tr>
</thead>
<tbody>
<tr>
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<td>W/ DEAD BOLT W/ HAT REINFORCED</td>
</tr>
<tr>
<td>NOT APPROVED</td>
<td>NOT APPROVED</td>
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<tr>
<td>+/- 80 PSF*</td>
<td>+/- 100 PSF*</td>
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</tbody>
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* UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG RATIO (OH) / OH LENGTH OR HEIGHT IS GREATER THAN 1.
P/W SPOT WELD 2 PLACES
(Flex=70 KSI)

5.75'
1.75'
2.00'

12.00' MIN.
t = 16 GA (.059"") MIN.
Fy,min = 30 KSI
Fy = 50 KSI

16 GAUGE FRAME GROUT FILLED

6.00'
1.94'
5/8'
2.00'

12" MIN. EMBEDMENT

FRAME JAMB
T-ANCHOR

M 6

3.00" MIN. EDGE DISTANCE

1.875" MIN. EMBEDMENT

FRAME JAMB
ANCHOR BOLT

N 6