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 Inswing Single Glazed Commercial Steel Door-Impact

Approval Document: Drawing No. QEP005, titled “Single Glazed Door (Inswing)”, sheets 1 through 6 of 6, prepared by manufacturer, dated 02-26-16 and last revised on 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. Approved EPS core by Dynaplast (Former Apache ), having current NOA

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 #15-0422.08 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

A. DRAWINGS
1. Manufacturer's die drawings and sections (Submitted under files referenced below)
2. Drawing No. QEP005, titled “Single Glazed Door (Inswing)”, sheets 1 through 6 of 6, prepared by manufacturer, dated 02/26/16, signed and sealed by Cody Davis, P.E.

B. TESTS (Submitted under file #12-1115.08/# 09-0604.08)
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 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 Single Inswing/Outswing 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.

C. CALCULATIONS
1. Anchor verification calculations, complying with FBC-2014, prepared, signed, sealed and dated 05/17/16, by Cody Davis, P.E.
2. Glazing complies w/ ASTME-1300-02 & 04.

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. (Submitted under file #12-1115.08/# 09-0604.08)
2. 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
1. Statement letter of conformance, complying with FBC-2014, 5th edition, and “no financial interest” issued, prepared, signed, sealed and dated 05/17/16 by Cody Davis, P.E.
2. 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.
3. Statement letter of compliance, as a part of the above referenced test reports.

G. OTHER
1. This revises NOA #14-0910.03, expiring December 30, 2019.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.06
Expiration Date: December 30, 2019
Approval Date: February 22, 2018

A. DRAWINGS
   1. Drawing No. QEP005, titled “Single Glazed Door (Inswing)”, sheets 1 through 6 of 6, prepared by manufacturer, dated 02-26-16 and last revised on 01/31/18, signed and sealed by Cody Davis, P. E. (Note: This revision is consist of editorial DWG changes only).

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 # 15-0422.08, expiring 12/30/19

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1102.06
Expiration Date: December 30, 2019
Approval Date: February 22, 2018
QUALITY ENGINEERED PRODUCTS

SINGLE GLAZED DOOR (INSWING)

GENERAL NOTES:
1. THE PRODUCT SHOWN HEREFIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION, INCLUDING HHVZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
   - TAS 201-94/TAS 202-94/TAS 203-94
2. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS INDICATE INSTALLATION TO DEViate FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE-SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT FOR NON-HHVZ. ONE TIME APPROVAL REQUIRES FOR HHVZ FROM MIAMI Dade COUNTY.
3. THE PRODUCT IS LARGE AND SMALL MISSILE IMPACT RESISTANT APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.

REVISIONS

1. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREFIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
   A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55 (FOR SILL INSTALLATION ONLY)
   B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI
   C. GROUTED MASONRY - STRENGTH CONFORMANCE TO ASTM C-67, GRADE N, TYPE I (OR GREATER) W/ MIN. 3000 PSI GROUT

INSWING DOOR (EXTERIOR VIEW)

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NCSCA Dade/Florida Building Code Design Pressures

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<td>POSITIVE</td>
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<tr>
<td>NOT APPROVED</td>
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<tr>
<td>-80 PSI*</td>
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<tr>
<td>LARGE &amp; SMALL MISSILE IMPACT RATED</td>
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* UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT IS GREATER THAN 1
12.00' MIN.
\( t = 16 \) gage (0.064') MIN.
Pwymin = 30 KSI
Fu = 50 KSI

FRAME JAMB
T-ANCHOR

1.875' MIN.
EMBEDMENT

FRAME JAMB
ANCHOR BOLT

1.94'
6.00'

16 GAUGE FRAME
GROUT FILLED

2.00'
5/8'

3.00' MIN. EDGE
DISTANCE

1.94'
1.94'
2.00'

12' MIN.
EMBEDMENT

16 GAUGE FRAME
GROUT FILLED

2.00'
5/8'

5

1

5

1

QEP005

Sheet: 5 of 6

Rev.

QUICK Ship Products Co., Inc.

4000 QUALITY DR.
TAMPA, FL 33614
Phone: (813) 885-1501
Fax: (813) 884-2873

In compliance with the Florida building code as set forth by the code commission.

Effective Date: 12/15/16
Expiration Date: 12/15/18

No. of Code Products Certified: 1

PREPARED BY:
QUALITY PRODUCTS
TAMPA, FL 33614

DRAWN BY:
QUALITY PRODUCTS
TAMPA, FL 33614

CHECKED BY:
QUALITY PRODUCTS
TAMPA, FL 33614

ENGINEERED BY:
QUICK Ship Products Co., Inc.

TAMPA, FL 33614

1:1 SCALE
**BILL OF MATERIALS**

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<th>DESCRIPTION</th>
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<td>16 GA. (.063&quot;) MIN. (14 GA. MAX.) STEEL HOLLOW METAL FRAME FYMIN=46.3 KSI, FyMIN=52.1 KSI OR S.S. MEETING FYMIN=50.5 KSI, FyMIN=98.5 KSI) W/ GROUTED JAMBS</td>
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<td>2</td>
<td>1/2&quot; x 2&quot; x 12 GA. STEEL LOCK OR STRIKE REINFORCEMENT (MORTISE)</td>
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<td>3</td>
<td>1/2&quot; x 8&quot; x 12 GA. FRAME STRIKE REINFORCEMENTS</td>
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<td>4</td>
<td>1/2&quot; DIA. DYNABOLT ITW/RED HEAD SLEEVE ANCHOR (1/4&quot; DIA. BOLT) X 4 1/2&quot; SLEEVE ANCHOR W/ 1/4&quot; DIA. WELDED PIPE SLEEVE W/ 1/2&quot; MIN. EMBEDMENT &amp; 3&quot; MIN. EDGE DISTANCE</td>
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<td>5</td>
<td>HAGER HINGES BB1279 4.5 X 4.5 X 134 THICK</td>
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<td>6</td>
<td>MARKS 195 SERIES, SCHLADE D SERIES OR BEST 93K</td>
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<td>10</td>
<td>16 GA. (.063&quot;) MIN. (14 GA. MAX.) STEEL DOOR FYMIN=46.3 KSI, FyMIN=52.1 KSI OR S.S. MEETING FYMIN=50.5 KSI, FyMIN=98.5 KSI</td>
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<td>1/2&quot; x 5/8&quot; x 12 GA. STEEL BOX CHANNEL WELDED 6&quot; O.C. FULL LENGTH</td>
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<td>1/2&quot; O.A. HEAT STRENGTHENED LAMINATED GLASS, CONSISTING OF: 3/16&quot; HEAT STRENGTHENED GLASS 0.075&quot; INTERLAYER BY SAFLEX HP - SAFLEX AND SAFLEX HP COMPOSITE WITH PET CORE BY EASTMAN CHEMICAL COMPANY (MA) 3/16&quot; HEAT STRENGTHENED GLASS</td>
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<td>18 GA. STEEL EXTRUDED DOOR GLAZING TRIM W/ #6 SCREWS @ 12&quot; O/C</td>
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3/16" x 5/8" TAPCON SET AT 12" O.C. (EMBED INTO CONCRETE W/ 1/4" MIN. PENETRATION)