TKO Doors, Div. of 4Front Engineered Solutions, Inc.
N56 W24701 N. Corporate Circle
Sussex, WI 53089

**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 WW WL Dock Plastic Sectional Garage Door up to 10'-0" Wide x 10'-0" High

**Approval Document:** Drawing No. 15-2398, titled “Fiberglass Dock Doors WW WL Overhead Garage Door”, sheet 1 through 8 of 8, dated 05/06/2013, with last revision dated 06/21/2016, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E. on 03/21/2018, 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

**Labeling:** A permanent label with the manufacturer’s name or logo, manufacturing address, 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 revises NOA # 15-0916.08 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 Carlos M. Utrera, P.E.

NOA No 16-0725.03
Expiration Date: August 14, 2019
Approval Date: May 24, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA’s

A. DRAWINGS “Submitted under NOA # 15-0916.08”
   1. Drawing No. 15-2398, titled “Fiberglass Dock Doors WW WL Overhead Garage Door”, sheet 1 through 8 of 8, dated 05/06/2013, with last revision dated 06/21/2016, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E. on 07/14/2016.

B. TESTS “Submitted under NOA # 13-0521.03”
   1. 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
   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

C. CALCULATIONS “Submitted under NOA # 15-0916.08”
   1. Jamb anchor calculations prepared by Engineering Express, dated 05/05/2015, signed and sealed by Frank L. Bennardo, P.E.

   “Submitted under NOA # 13-0521.03”
   2. Jamb anchor calculations prepared by Engineering Express, dated 05/14/2013 and 05/20/2014, signed and sealed by Frank L. Bennardo, P.E.

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

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 16-0725.03
Expiration Date: August 14, 2019
Approval Date: May 24, 2018

E - 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS "Submitted under NOA # 13-0521.03"
1. Test report on Flame Spread Index and Smoke Developed Index per UL-723 of XEPS foam insulation, Test Report No. BRYX.R3573 dated 07/12/2010.

F. STATEMENTS "Submitted under NOA # 15-0916.08"
2. Statement letter of no financial interest issued by Engineering Express, dated 07/15/2016, signed and sealed by Frank L. Bennardo, P.E.

2. New evidence submitted

A. DRAWINGS
1. Drawing No. 15-2398, titled "Fiberglass Dock Doors WW WL Overhead Garage Door", sheet 1 through 8 of 8, dated 05/06/2013, with last revision dated 06/21/2016, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E. on 03/21/2018.

B. TESTS
1. Test report on Airflow (Infiltration and Exfiltration) Rate, per ASTM E283-04 of a Welter Weight (WW) WL dock door, prepared by Intertek/ATI, Test Report No. E7174.01-602-18, dated 07/21/2015, signed and sealed by Justin P. McDonald, P.E.

C. CALCULATIONS
1. None.

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

E. MATERIAL CERTIFICATIONS
1. None.

F. STATEMENTS
2. Statement letter of no financial interest issued by Engineering Express, dated 03/29/2018, signed and sealed by Frank L. Bennardo, P.E.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 16-0725.03
Expiration Date: August 14, 2019
Approval Date: May 24, 2018
ANCHORING NOTES:
1. THIS SYSTEM SHALL BE ANCHORED WITH ANY OF THE ANCHORING METHODS SHOWN HEREIN, WITH A MINIMUM OF (2) ANCHORS LOCATED 3" AND 12" MAX. FROM THE BOTTOM OF THE TRACK AND 13" O.C. MAX. THEREAFTER OR EVERY OTHER MOUNTING SLOT.
2. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
3. WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2" (MIN) WOOD STUD (I.E., 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING).
4. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE G-2" OR GREATER DENSITY.
5. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR DETAIL. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
6. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
7. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
8. MACHINE SCREWS SHALL HAVE MINIMUM OF 1/2" ENGAGEMENT OF THREADS IN BASE ANCHOR AND MAY HAVE EITHER A PAN HEAD, TRUSS HEAD, OR WAFFER HEAD ("SIDEWALK BOLT") U.N.O.

PRODUCT REVISED
as complying with the Florida Building Code
NOC No. 16-0725.03
Expiration Date 08/14/2019
By
Miami-Dade Product Control

WWW WL TRACK ANCHOR MOUNTING

STEEL TRACK ANCHOR MOUNTING

ANGLE TO BLOCK CONCRETE
(Standard Mount)

ANGLE TO STEEL
(Standard Mount)

ANGLE TO STEEL WITH STITCH WELD (Standard Mount)

FH-6-A-T TRACK ANCHOR MOUNTING

ANGLE TO STEEL WITH PLUG WELD
(Reverse Mount)

ANGLE TO BLOCK CONCRETE
(Standard Mount)

ANGLE TO STEEL WITH STITCH WELD
(Reverse Mount)

FH-6-A-T STEEL ANGLE
TRACK ANCHOR SLOT

STEEL ANGLE TRACK ANCHOR SLOT

TEST MOUNTING ON WOOD

** ULTRA-HIGH-MOLECULAR-WEIGHT POLYETHYLENE