NOTICE OF ACCEPTANCE (NOA)

Nan Ya Plastics Corporation USA
8989 North Loop East
Suite 800
Houston, TX 77029–1217

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 “Distinction” 8 Ft. White PVC/ Fiberglass Sliding Glass Door (OXO)– L.M.I.

APPROVAL DOCUMENT: Drawing No. NAYT0001, Series titled “8’ Fiberglass Gliding Patio Door (OXO)”, sheets 1 through 07 of 07, dated 08/25/05 with revision “E” dated 04/16/12, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P. E., bearing the Miami–Dade County Product Control Section 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

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, Taipei, Taiwan, Republic of China, series, and following statement: “Miami–Dade County Product Control Approved”, unless otherwise 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 No. 11–0415.04 and consists of this page 1 and evidence pages E–1, E–2 and E–3, as well as approval document mentioned above.

The submitted documentation was reviewed by Jaime D. Gascon, P. E.

NOA No. 12–0612.16
Expiration Date: August 03, 2016
Approval Date: October 04, 2012
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's die drawings and sections.
   (Submitted under previous NOA No. 05–0921.10)
2. Drawing No. NAYT0001, Series titled “8’ Fiberglass Gliding Patio Door (OXO)”,
   sheets 1 through 07 of 07, dated 08/25/05 with revision “E” dated 04/16/12, prepared
   by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.

B. TESTS
1. Test Report on:
   1) Air Infiltration Test, per FBC, TAS 202–94
   2) Uniform Static Air Pressure Test, Loading per PA 202–94
   3) Water Resistance Test, per FBC, TAS 202–94
   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 2411.3.2.1 and TAS 202–94
   along with marked-up drawings and installation diagram of Fiberglass Sliding
   Glass door (OXO), prepared by ETC Laboratories, Inc., Test Report No.
   ETC–05–255–16352.0, dated 07/25/05, signed and sealed by Mark D. Passero, P. E.
   (Submitted under previous NOA No. 05–0921.10)

C. CALCULATIONS
1. Anchor calculations and structural analysis, complying with FBC, prepared by PTC
   Engineering, Inc., dated 07/25/11, signed and sealed by Robert James Amoruso, P. E.
   (Submitted under previous NOA No. 11–0415.04)
2. Complies with ASTM E1300–02/ 04

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 11–1102.11 issued to Solutia, Inc. for their “Saflex Clear
   and Color Glass Interlayers” dated 06/14/12, expiring on 05/21/16.
2. Test Report No. ETC–05–255–17144.0, prepared by ETC Laboratories, dated
   07/03/08, issued by Nan Ya Plastics Corporation USA, for their Rigid PVC plastic
   (P/N: ETC06024), Standard Test Method for Ignition Properties of Plastics per
   ASTM D1929–96, Standard Test Method for Density of Smoke from the Burning or
   Decomposition of Plastics per ASTM D2843–99, Standard Test Method for Rate of
   Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a
   Horizontal Position per ASTM D635–98, Standard Test Methods for Tensile
   Properties of Plastics for exposed & unexposed sample Xenon Arch after 4500 Hours,
   per ASTM D638–03, signed and sealed by Joseph Labora Doldan, P. E.
   (Submitted under previous NOA No. 11–0415.04)

Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 12–0612.16
Expiration Date: August 03, 2016
Approval Date: October 04, 2012
E. MATERIAL CERTIFICATIONS (CONTINUED)
3. Test Report No. ETC-06-255-17412.0, prepared by ETC Laboratories, dated 04/25/06, issued by Nan Ya Plastics Corporation USA, for their Phenolic Foam Board (P/N ETC06013), Standard Test Method for Surface Burning Characteristics of Building Materials per ASTM E84–05, signed and sealed by Joseph Labora Doldan, P.E.

(Submitted under previous NOA No. 05–0921.10)

4. Test Report No. ETC-05-255-17900.0, prepared by ETC Laboratories, dated 06/28/06, issued by Nan Ya Plastics Corporation USA, for their Phenolic Foam Board (P/N: ETC06013), Ignition Properties of Plastics per ASTM D1929–96, signed and sealed by Joseph L. Doldan, P.E.

(Submitted under previous NOA No. 05–0921.10)

5. Test Report No. ETC-05-255-16776.1, prepared by ETC Laboratories, dated 07/06/06, issued by Nan Ya Plastics Corporation USA, for their SMC Fiberglass material (P/N: ETC05033), 4500 exposed Xenon Arch & tensile strength per ASTM D 638–03, Tensile strength, ASTM D 638–03, Smoke density per ASTM D2843–99, Rate of burning per ASTM D 635–98, Self ignition per ASTM D1929–01, signed and sealed by Joseph Labora Doldan, P.E.

(Submitted under previous NOA No. 05–0921.10)


(Submitted under previous NOA No. 05–0921.10)

7. Tension and Shear Resistance Test of ¾/16” SS Tapcon ATFT with Climashield per ASTM E 488, prepared by C.E.L Consulting, Report No. 71B153, dated 01/31/07, signed and sealed by Lee W. Mattis, P.E.

(Submitted under previous NOA No. 05–0921.10)

8. Corrosion Resistance Test per ASTM G 85 as noted in TAS 114(E), prepared by PRI Construction Materials Technologies, Report No. ITW–004–02–01, dated 01/05/07, signed and sealed by Charles L. Thomas, P.E.

(Submitted under previous NOA No. 05–0921.10)

Jaime D. Gascon, P.E.
Product Control Section Supervisor
NOA No. 12–0612.16
Expiration Date: August 03, 2016
Approval Date: October 04, 2012
E. MATERIAL CERTIFICATIONS (CONTINUED)

9. Test report on Tension and Shear Resistance, Report No. 41131 were for “Wercs Tapcon Concrete/Masonry Screw Anchors” per ASTM E 488, prepared by Cel Consulting on 04/29/05, signed and sealed by L. W. Mattis, P. E.
   *(Submitted under previous NOA No. 05–0921.10)*

10. Test report on Tension and Shear Resistance, Report No. 41131 were Supplement 6519 for Tapcon with Advanced Threadform Technology per ASTM E 488 prepared by Cel Consulting on 05/19/05, signed and sealed by L. W. Mattis, P. E.
    *(Submitted under previous NOA No. 05–0921.10)*

11. Test report of corrosion resistance for fasteners, Project No. ITW–003–02–01, 02, 03 and 04, for fasteners with Tapcon Plus, Silver Climaseal, Silver Ultrashield and White Ultrashield per ASTM G85 as noted on TAS 114(E), prepared by Cel Consulting on 10/22/04 and 05/16/06, signed and sealed by C. L. Thomas, P. E.
    *(Submitted under previous NOA No. 05–0921.10)*

F. STATEMENTS

1. Statement letter of no financial interest, conformance and complying with FBC–2010, issued by PTC, LLC, dated 04/25/12, signed and sealed by Robert J. Amoruso, P. E.

2. Statement letter dated 09/04/12, for standard equivalency of ASTM D635–98/03 conforming to FBC 2010 for above referenced test reports, issued by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.

3. Laboratory compliance letters for Test Report No. ETC–05–255–17144.0, dated 07/03/08, issued by ETC Laboratories, signed and sealed by Joseph Labora Doldan, P. E.
   *(Submitted under previous NOA No. 11–0415.04)*

4. Laboratory compliance letter for Test Report No. ETC–05–255–16352.0, dated 07/25/05, issued by ETC Laboratories, signed and sealed by Mark D. Passero, P. E.
   *(Submitted under previous NOA No. 05–0921.10)*

5. Laboratory compliance letters for Test Reports No.’s ETC–06–255–17412.0, dated 04/25/06, ETC–06–255–17900.0, dated 06/28/06, ETC–05–255–16776.1, dated 07/06/06 and ETC–05–255–16777.1, dated 07/26/06, all issued by ETC Laboratories, all signed and sealed by Joseph Labora Doldan, P. E.
   *(Submitted under previous NOA No. 05–0921.10)*

G. OTHERS

1. Notice of Acceptance No. 11–0415.04, issued to Nan Ya Plastics Corporation USA for their Series “Distinction White PVC/ Fiberglass Sliding Glass Door – L.M.I.”, approved on 09/29/11 and expiring on 08/03/16.

   [Signature]

   Jaime D. Gascon, P. E.
   Product Control Section Supervisor
   NOA No. 12–0612.16
   Expiration Date: August 03, 2016
   Approval Date: October 04, 2012

   E – 3
NOTE:

1. THE PRODUCT SHOWN HEREIN IS DESIGNATED AND MANUFACTURED TO COMPLY WITH THE 2007 AND 2010 FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

2. 1X BUCK, 2X BUCK AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. 2X BUCK AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.

3. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT.

4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS, MAXIMUM TOTAL ALLOWABLE SHIM STACK 1/4".

5. USE SILICONE SEALANT FOR PERIMETER SEAL AROUND EXTERIOR OF DOORS.

6. DOOR FRAME AND DOOR PANEL MATERIAL: CELLULAR PVC, RIGID PVC AND SMC FIBERGLASS SKIN.

7. DOOR UNIT IS GLAZED: 1.00" O.A. IGU CONSISTING OF 3/16" TEMPERED (EXTERIOR) GLASS; AIR SPACE; 3/16" ANNEALED GLASS; 0.080" PVB INTERLAYER AND 3/16" ANNEALED GLASS (INTERIOR). THE GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.

8. SEAL HEAD, SILL AND JAMB CORNERS WITH SMALL JOINT SEAM SEALER.

9. IN ACCORDANCE WITH THE 2007 AND 2010 FBC, SECTION 2411.3.3 WOOD SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN SECTION 2326.2.
ANCHORING NOTES:

1. 3/16" DIAMETER I.T.W. (ADVANCED THREADFORM TECHNOLOGY) TAPCON MUST BE OF SUFFICIENT LENGTH TO ACHIEVE 1" MINIMUM EMBEDMENT INTO MASONRY AND 1 1/2" EMBEDMENT INTO CONCRETE. MINIMUM EDGE DISTANCE IS 2" IN MASONRY AND 1 1/8" IN CONCRETE.

2. ALL INSTALLATION ANCHORS MUST BE MADE OF CORROSIVE RESISTANT MATERIAL.

3. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
   A. WOOD – P.T. SOUTHERN YELLOW PINE, MINIMUM SPECIFIC GRAVITY OF 0.55.
   B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 2500 psi.
   C. MASONRY (CMU or HOLLOW BLOCK) – STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT/117 PCF DENSITY (OR GREATER).
MIN. EMBEDMENT
1" CMU
1 1/2" CONCRETE

SEAL BETWEEN
CONCRETE/
MASONRY & BUCK
BY OTHERS

0.25" MAX.
SHIM SPACE

MAX. DOOR WIDTH 48"

MIN. EDGE DIST
CONCRETE 1 1/8 MIN.
CMU 2"

2 1/4" MIN.
SEPARATION

MIN. EDGE DIST
CONCRETE 1 1/8 MIN.
CMU 2"

CONCRETE OR
MASONRY
BY OTHERS

EXTERIOR
FINISH

1X BUCK
BY OTHERS
(SEE NOTE
2, SHEET 1)

PERIMETER
SEALANT
BY OTHERS

SHIM AS REQUIRED
(SEE NOTES, SHEET 1)

SECTION E

SEE ANCHORING
NOTES, SHEET 2

SECTION F
ASTRAGAL

NAN YA PLASTICS CORPORATION
8989 NORTH LOOP EAST, HOUSTON TX 77029

Robert J. Amoruso P.E.
FL No. 49752

E  UPDATE TO 2010 FBC  04/16/13
DRL  08/29/05
9 PER DADE LETTER DATED MAY 17, 2011  07/30/11
E  UPDATED TO 2007 FBC  02/28/11

DRL  08/29/05
N.T.S.  NAYT0001
REV  5 OF 7
INTERLOCK ATTACHMENT SCREW:
THE #8 x 1" PPH SCREW ATTACHING THE INTERLOCK TO THE FACE OF THE DOOR PANEL IS SPACED 2 3/8" FROM THE TOP OF THE PANEL DOWN. THE NEXT SCREW IS 7 7/8" DOWN. SCREWS ARE SPACED 9 7/16" THEREAFTER. THE BOTTOM SCREW IS SPACED 1 3/4" UP FROM THE BOTTOM OF THE DOOR PANEL.