NOTICE OF ACCEPTANCE (NOA)

Nan Ya Plastics Corporation USA
8909 North Loop East, Suite 800
Houston, TX 77029

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 “Gilding” Fiberglass Sliding Glass Door (OXXX) – L.M.I.

APPROVAL DOCUMENT: Drawing No. NAN0009 REV C, Series titled “Gliding French Patio Door w/ sidelites”, sheets 1, 2, 3, 3A, 4, 4A, 5, 6, 7 of 9 dated 07/28/08 and last revised on 01-14-14, 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 Resistant

Limitations:
1. Full length steel plate item # 36 and 2” wide solid wood item # 29 are required at in panels of each stile.
2. Fixed panels to be secured w/ steel brackets item # 24 (Top) & w/ steel bracket item #23 at bottom rail.

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 & renews NOA # 12-0612.05 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.

NOA No. 13-0916.10
Expiration Date: September 18, 2018
Approval Date: January 23, 2014
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
   1. Manufacturer's die drawings and sections (submitted under files #12-0612.05/ #08-0416.04).
   2. Drawing No. NAN0009 REV C, Series titled "Gliding French Patio Door w/ sidelites", sheets 1, 2, 3, 3A, 4, 4A, 5, 6, 7 of 9 dated 07/28/08 and last revised on 01-14-14, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P.E.

B. TESTS (submitted under files #12-0612.05/ #08-0416.04)
   1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
      2) Uniform Static Air Pressure Test, Loading per FBC TAS 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 3603.2 (b) and TAS 202-94

along with marked-up drawings and installation diagram of Fiberglass Sliding glass door (OXXO), prepared by Certified Testing Lab, Test Report No. CTLA 1602 WR, dated 07/25/05, signed and sealed by Ramesh Patel, P.E.

Note: This test report issued by CTLA has been revised on 03/09/07, signed & sealed by Ramesh Patel, P.E.

C. CALCULATIONS (submitted under files #08-0416.04)
   1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by PTC Engineering, Inc., dated 8/24/05, signed and sealed by Marlon S. Hampton, P.E.
   2. Glazing Complies with ASTM E1300-02 & 04.

D. QUALITY ASSURANCE

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 12-1231.10 issued to Eastman Chemical Company, (Former Solutia Inc.) for “Saflex Clear & color glass interlayer”, expiring on 05/21/16.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 13-0916.10
Expiration Date: September 18, 2018
Approval Date: January 23, 2014
E. MATERIAL CERTIFICATIONS (continue)


F. STATEMENTS

1. Statement letter of conformance to FBC 2010 & 2007 and no financial interest, issued by PTC, LLC, dated 04/25/12, signed and sealed by Robert J. Amoruso, P. E. (submitted under file #12-0612.05)

2. Statement letter dated 09/04/2012, 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.


4. Lab compliance letter as part of the above test report.

H. OTHER

1. This NOA revises & renews NOA # 12-0612.05, expired on SEP 18, 2013.

Ishaq L. Chanda, P.E.
Product Control Examiner
NOA No. 13-0916.10
Expiration Date: September 18, 2018
Approval Date: January 23, 2014
NAN YA PLASTICS CORPORATION, USA
SERIES "GLIDING" FIBERGLASS FRENCH PATIO DOORS W/ SIDELITES OXOX

INSTALLATION NOTES:
1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE OF 3/4 INCH. SHIM WHERE SPACE OF 1/32 INCH OR GREATER OCCURS. SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY LOAD BEARING PLASTIC OR BETTER.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT.
5. FOR INSTALLATION THROUGH 1X BUCO INTO CONCRETE/MASONRY, USE DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH ELOC ULTRACONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, SHEATHING AND SIDING.
9. INSTALL CONCRETE/MASONRY SCREWS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

10. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
11. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
12. INSTALLATION ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTH LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW.
13. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HERIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
   A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55
   B. CONCRETE - MINIMUM COMpressive STRENGTH OF 2700 PSI
   C. MASONRY BLOCK - MINIMUM NET COMpressive STRENGTH OF 1500 PSI

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LEGEND:
O.A. - OVERALL
D.L.O. - DAY LIGHT OPENING
O.C. - ON CENTER
TYP. - TYPICAL

INDICATES SPECIFIC NOTE ON SAME SHEET CORRESPONDING TO THE LETTER DESIGNATION INDICATED IN FLAG.
**A. VERTICAL SECTION**

**CONCRETE SUBSTRATE**

- 1 1/4" Min. Embedment
- 2 1/2" Min. Edge Dist.
- Ultracon 1/4"
- NOTE
- Wood Buck by Others, Exterior Finish by Others, Not Part of Approval
- Exterior Caulk by Others
- Perimeter Caulk by Others
- Shim as Req'd
- 1 3/8" Min. Embedment
- 1/4" Max. Shim
- See Glazing Detail on Sheet 4

**B. VERTICAL SECTION**

**CONCRETE / MASONRY SUBSTRATE**

- 95 1/2" Max. O.A. Unit Height
- See Glazing Detail on Sheet 4

**C. VERTICAL SECTION**

**WOOD SUBSTRATE**

- See Glazing Detail on Sheet 4
- Fixed Panel (Beyond)
- Exterior
- Interior

**SPECIFIC NOTE:**

Wood Frame, 1X Wood Buck and Concrete Slab Must Provide Full Support for Door Frame.

**VERTICAL SECTIONS OPERABLE PANELS**

- #12 Wood Screw
- Exterior Finish by Others, Not Part of Approval
- Shim as Req'd
- Perimeter Caulk by Others
- See Glazing Detail on Sheet 4
VERTICAL SECTION

3A CONCRETE / MASONRY SUBSTRATE

- 1X WOOD BUCK BY OTHERS
- EXTERIOR FINISH BY OTHERS, NOT PART OF APPROVAL
- PERIMETER CAULK BY OTHERS
- SHIM AS REQ.

SEE GLAZING DETAIL ON SHEET 4

INTERIOR

95 1/2 MAX. O.A. UNIT HEIGHT

EXTERIOR

9/16 ELCO ULTRACON

NOTE A

VERTICAL SECTION

K WOOD SUBSTRATE

- 12 WOOD SCREW BY OTHERS
- EXTERIOR FINISH BY OTHERS
- SHIM AS REQ.
- PERIMETER CAULK BY OTHERS

SEE GLAZING DETAIL ON SHEET 4

INTERIOR

1 1/2 MIN. EMBEDMENT

EXTERIOR

1 3/8 MIN. EMBEDMENT

VERTICAL SECTIONS

FIXED PANELS

SPECIFIC NOTE:

- WOOD FRAME, 1X WOOD BUCK AND CONCRETE SLAB MUST PROVIDE FULL SUPPORT FOR DOOR FRAME.

- (2) ITEM NO. 24 USED AT TOP OF FIXED PANEL RAIL ONLY (1 ON EACH FIXED PANEL FOR TOTAL QUANTITY OF TWO), ATTACHED USING (5) 3/8" X 1" TAPPING SCREWS.

- (2) ITEM NO. 23 USED AT BOTTOM OF FIXED PANEL RAIL ONLY (1 ON EACH FIXED PANEL FOR TOTAL QUANTITY OF TWO), ATTACHED USING (1) 5/16" X 7/8" TAPPING SCREWS ON SHORT SIDE OF BRACKET INTO SILL AND (1) 3/8" X 1-1/2" TAPPING SCREW LONG SIDE OF BRACKET INTO PANEL STILE.

NOTE A:

VERTICAL SECTIONS

3A CONCRETE SUBSTRATE

- 2 1/2 MIN. EMBEDMENT
- 3/4" MAX. SHIM
- 3/4" ELCO ULTRACON

NOTE A:

VERTICAL SECTIONS

3A CONCRETE / MASONRY SUBSTRATE

- 1 1/4 MIN. EMBEDMENT

NOTE A:
HORIZONTAL SECTION
INTERLOCK

ITEM NO. 24 AT TOP OF FIXED PANEL RAIL

SPECIFIC NOTE:

(2) ITEM NO. 24 USED AT TOP OF FIXED PANEL RAIL
ONLY (1) ON EACH FIXED PANEL FOR TOTAL QUANTITY
OF TWO), ATTACHED USING (6) 3/8" X 1" TAPPING
SCREWS.

HORIZONTAL SECTIONS
FIXED PANELS AT
INTERLOCK

M. HORIZONTAL SECTION
INTERLOCK

OPERABLE PANEL OPEN FOR CLARITY TO SHOW ITEM NO. 23 AT BOTTOM OF FIXED PANEL RAIL

SPECIFIC NOTE:

(2) ITEM NO. 23 USED AT BOTTOM OF FIXED PANEL RAIL
ONLY (1) ON EACH FIXED PANEL FOR TOTAL QUANTITY
OF TWO), ATTACHED USING (1) 5/16" X 3/8" TAPPING
SCREWS ON SHORT SIDE OF BRACKET INTO SILL AND
(1) 3/8" X 1-1/2" TAPPING SCREW ON LONG SIDE OF
BRACKET INTO PANEL STILE.
1. HEAD CELLULAR PVC
   TYP. WALL THICKNESS 0.236"

2. SILL CELLULAR PVC
   TYP. WALL THICKNESS 0.236"

3. SIDE JAMB CELLULAR PVC
   TYP. WALL THICKNESS 0.236"

4. SCREEN TRACK
   ALUMINUM 6063-T5
   TYP. WALL THICKNESS 0.059"

5. INTERLOCK STRIP
   RIGID PVC

6. INTERLOCK STRIP
   RIGID PVC

7. FIXED PANEL BASE
   RIGID PVC
   TYP. WALL THICKNESS 0.090"

8. SILL BOARD
   ALUMINUM 6063-T5
   TYP. WALL THICKNESS 0.059"

9. ASTRAGAL STRIP
   ALUMINUM 6063-T5
   TYP. WALL THICKNESS 0.0625"

10. PANEL REINFORCEMENT
    ALUMINUM 6063-T5
    TYP. WALL THICKNESS 0.0625"

11. WEATHER STRIP
    PVC

12. WEATHER STRIP
    EPDM FOAM

13. TOP WIND STOPPER
    EPDM FOAM

14. BOTTOM WIND STOPPER
    EPDM FOAM

15. HEAD BUMPER
    PVC

16. WEEP HOLE COVER
    PVC

17. WEEP HOLE COVER
    PVC

18. ROLLER ADJUST COVER
    PVC

19. WEATHER STRIP
    EPDM FOAM