NOTICE OF ACCEPTANCE (NOA)

Nan Ya Plastics Corporation USA
8989 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 “14P” Fiberglass glazed Inswing Doors w/ glazed Sidelites – LMI

APPROVAL DOCUMENT: Drawing No. NAN0014 Rev F, titled “14P Impact opaque Inswing Doors w/wo sidelites”, sheets 1 through 16 of 16, dated 12/10/08 and last revised on 08/07/18, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, 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.
Limitations:
1. See Design Pressure (DP) and water rating limitation in sheet 1.
2. The laminated glass with ODL kit glazing detail 1 (sheet 10) must be at exterior side.
3. See sheet 6 for rails & stiles sizes. Wood reinforcements at Rails, Lock-Stiles and Hinge Stiles are required.
4. Astragal item #21 must contain full length 5/16” steel shoot bolts.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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 #14-0926.12 consists of this page 1 and evidence page E-1, E-2 and E-3, as well as approval document mentioned above.
The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No. 18-0815.12
Expiration Date: September 23, 2019
Approval Date: October 04, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
1. Manufacturer's die drawings and sections (submitted under files See below).
2. Drawing No. NAN0014 Rev E, titled “14P Impact opaque Inswing Doors w/wo sidelites”, sheets 1 through 16 of 16, dated 12/10/08 and last revised on 08/28/16, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS (submitted under files #12-0612.09/#08-1224.06)
1. Test reports on
   a) Air Infiltration Test, per FBC, TAS 202-94
   b) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   c) Water Resistance Test, per FBC, TAS 202-94
   d) Large Missile Impact Test per FBC, TAS 201-94
   e) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   f) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94
along with marked-up drawings and installation diagram of Fiberglass Inswing glazed Doors w/wo Sidelites, prepared by ETC Laboratories, Test Report No. ETC-07-255-18448.5, dated 06/22/07, signed and sealed by Joseph Labora Doldan, P.E.
(This test report has been revised by an addendum letter dated 07/15/09, issued by ETC Lab.)

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC 2014 (5th Edition), dated 09/22/14 and last revised on 08/23/16, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Glazing complies w/ ASTME-1300-02, -04 and -09.

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

E. MATERIAL CERTIFICATIONS (submitted under files #12-0612.09/#08-1224.06/#12-0612.13 and #09-0312.15)
1. Test report No.ETC-05-255-16776.1, prepared by ETC Laboratories, dated 07/06/06, issued to Nan Ya Plastics Corp., for their SMC Fiberglass material / ETC05033 per ASTM-D638-03 “4500 exposed Xenon Arch” & tensile strength ASTM-D638-03 “Tensile strength”, Smoke density per ASTM2843-99, Rate of burning per ASTM-D635-98 and “Self ignition” per ASTM1929-01, all signed and sealed by Joseph Labora Doldan, P.E.

[Signature]
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 18-0815.12
Expiration Date: September 23, 2019
Approval Date: October 04, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (continue)


9. Notice of Acceptance No. #14-0423.15 issued to Eastman Chemical Company (MA) former Solutia Inc. for their “Saflex Clear or colored interlayer”, expiring on 11/11/18.

F. STATEMENTS (Except item #1, balanced submitted under files #12-0612.09)


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.

3. Certificate of Authority dated May 23, 1983, to transact business, issued to Nan Ya Plastic Corporation, USA issued by the State of Texas, signed by Secretary of State

4. Lab compliance letter as part of above test reports.

G. OTHER

1. This NOA revises & renews NOA # 12-0612.09, expiring on SEP 23, 2019.


Ishq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0815.12
Expiration Date: September 23, 2019
Approval Date: October 04, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED


A. DRAWINGS
   1. Drawing No. NAN0014 Rev F, titled “14P Impact opaque Inswing Doors w/wo sidelites”,
      sheets 1 through 16 of 16, dated 12/10/08 and last revised on 08/07/18, prepared by PTC, LLC,
      signed and sealed by Robert J. Amoruso, P.E.
      Note: This revision consists of editorial FBC 2017 (6th edition) update notes, only.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

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

E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. #17-0712.05 issued to Eastman Chemical Company (MA) former
      Solutia Inc. for their “Saflex Clear or colored interlayer”, expiring on 05/21/21.

F. STATEMENTS
   1. Statement letter compliance to FBC 2017 (6th Edition)and “No Financial interest”, dated July 26,
      2018, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
      98/03, ASTME-84-05 conforming to FBC 2017 (6th Edition) for above referenced test reports,
      issued by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.

G. OTHER
   1. This NOA revises NOA No. 14-0926.12, expiring 09/23/19


Ishâq L. Chanda, P.E.
Product Control Examiner
NOA No. 18-0815.12
Expiration Date: September 23, 2019
Approval Date: October 04, 2018
NAN YA PLASTICS
SERIES "14P" IMPACT GLAZED INSWING DOOR W & W/O GLAZED SIDELITES
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:
1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 6TH EDITION (2017) FLORIDA BUILDING CODE (FBC) INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON AIDED AND SEAL TEST REPORT.
3. THE PRODUCT HAS BEEN EVALUATED FOR COMPLIANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) AND IS IN COMPLIANCE WITH SARE STANDARDS.
4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAME AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
5. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED MIAMI DADE IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.

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. IN ADDITION TO THE INSTALLATION ANCHORS SHOWN, TWO (2) INSTALLATION ANCHORS ARE REQUIRED IN EACH HINGE. LOCATE HINGE ANCHORS IN THE OUTERMOST HOLES OF THE HINGE LEAF INTO THE HINGE JAMB. ANCHORS ARE TO MATCH TYPE, SIZE AND EMBRDEC OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE. SEE SHEET 3 FOR DETAILS.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/6 INCH OR GREATER OCCURS. SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. ORIENTATION INTO WOOD FRAMING, USE #14 GRADE 5 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 1 INCH. MINIMUM SPACING BETWEEN ANCHORS IS 1".
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE OR MASONRY OR DIRECTLY INTO CONCRETE OR MASONRY, USE THE FOLLOWING:
   • CONCRETE: 1/4 INCH I 1/2-ADVANCED THREADFORM TAPOCS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT WITH MINIMUM EDGE DISTANCE OF 1-1/2 INCHES. MINIMUM SPACING BETWEEN ANCHORS IS 1".
   • MASONRY (CMU): 1/4 INCH I 1/2-ADVANCED THREADFORM TAPOCS OF SUFFICIENT LENGTH TO ACHIEVE 1 INCH MINIMUM EMBEDMENT WITH MINIMUM EDGE DISTANCE OF 2 INCHES. MINIMUM SPACING BETWEEN ANCHORS IS 1".
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. 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.
9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER’S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTH LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE MANUFACTURER.
10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
   • A. WOOD - SOUTHERN YELLOW PINE - MINIMUM SPECIFIC GRAVITY OF 0.55
   • B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 psi
   • C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90 MEDIUMWEIGHT WITH COMPRESSIVE STRENGTH OF 1900 psi (DENSITY > 117 PCF).

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DESIGN PRESSURE RATING (PSF)

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<th>LARGE MISSILE IMPACT</th>
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<tr>
<td>±20.0</td>
<td>±50.0</td>
<td>±100.0</td>
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DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG RATIO IS EQUAL TO OR MORE THAN 1 NEED TO BE TESTED FOR WATER INFILTRATION PER FBC 174.5.
ELEVATION (OXXO)

EXTerior VIEW

(INSWING GLAZED DOORS W/GLAZED SIDELIGHTS)

NOTES:

1) D.L.O. FOR DOOR PANELS:
   A) DOOR PANEL W/ SMC SKIN MADE FROM ONE MOLD: 26-1/4" WIDE X 62'-1/2" HIGH
   B) DOOR PANEL W/ ODL INSERT:
      20'-1/2" WIDE X 62'-1/2" HIGH

2) D.L.O. FOR SIDELITE PANELS:
   A) SIDELITE PANEL W/ SMC SKIN MADE FROM ONE MOLD: 6-1/4" WIDE X 65'-3/4" HIGH
   B) SIDELITE PANEL W/ ODL INSERT:
      5'-1/2" WIDE X 62'-1/2" HIGH

ANCHOR LAYOUT (OXXO)

EXTerior VIEW

(INSWING GLAZED DOORS W/GLAZED SIDELIGHTS)

SIDELIGHT JAMB/MULLION

DOOR PANEL STILE

#10 x 3" FL HD SCREW 30

#10 x 1 1/2" FL HD SCREW 33

#10 x 3" FL HD SCREW 30

#10 x 1 1/2" FL HD SCREW 33

HINGE ANCHORAGE

SIDELIGHT JAMB/MULLION AND DOOR PANEL STILE
**A** Vertical Section

Concrete Substrate

- Active* ODL Glazed Door Panel @ Sill
- Shows Shoot Bolt Head Plate on Passive Door Panel.

**C** Vertical Section

Concrete Substrate

- Active* Glazed Door Panel @ Head
- Shows Shoot Bolt Head Plate on Passive Door Panel.

**D** Vertical Section

Wood Frame Substrate

- Active* Glazed Door Panel @ Head
- Shows Shoot Bolt Head Plate on Passive Door Panel.

**F** Vertical Section

Wood Frame Substrate

- Active* ODL Glazed Door Panel @ Sill
- Shows Shoot Bolt on Passive Door Panel.
FRAME HEAD & JAMB DETAIL A

EXTERIOR

TOP VIEW

FRONT VIEW

FRAME HEAD & MULLION DETAIL C

EXTERIOR

SIDE LITE SILL & MULLION DETAIL D

INTERIOR

EXTERIOR

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<td>Fy Min. = 6,000 PSI</td>
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<td>38</td>
<td>#10 WOOD SCREW INSTALLATION ANCHOR</td>
<td>STEEL</td>
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<td>39</td>
<td>SMC 14P SKIN (SIDELITE STILE-EXTERIOR)</td>
<td>FIBERGLASS SKIN</td>
<td>Fy Min. = 11,000 PSI</td>
<td>NAN YA</td>
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<tr>
<td>40</td>
<td>SMC 14P SKIN (SIDELITE STILE-INTERIOR)</td>
<td>FIBERGLASS SKIN</td>
<td>Fy Min. = 11,000 PSI</td>
<td>NAN YA</td>
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<tr>
<td>41</td>
<td>KWKSET LATCHBOLT/KNOB</td>
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<td>42</td>
<td>KWKSET DEADBOLT</td>
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<td>43</td>
<td>KWKSET STRIKE PLATE</td>
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<td>44</td>
<td>SHOOT BOLT 1/4&quot; DIA. (ENDURA ASTRAGAL)</td>
<td>ABS / 1010</td>
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<td>ENDURA</td>
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<td>45</td>
<td>BOLT COVER</td>
<td>PVC</td>
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<td>46</td>
<td>XL EDGE SPACER</td>
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<td>CARDINAL</td>
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<td>47</td>
<td>3/16&quot; ITW ADVANCED THREADFORM TAPCON SCREW INSTALLATION ANCHOR</td>
<td>STEEL</td>
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<td>ITW</td>
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<td>48</td>
<td>3/16&quot; × 2-1/2&quot; ITW ADVANCED THREADFORM TAPCON CONCRETE SCREW</td>
<td>STEEL</td>
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<td>ITW</td>
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<td>49</td>
<td>#10 X 2 1/2&quot; PHILLIPS FLAT HEAD</td>
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</tbody>
</table>

**BILL OF MATERIALS**

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

No 49752

STATE OF FL

licenses to conform with the Florida building code

Expedite deadline 2/7/21