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.


APPROVAL DOCUMENT: Drawing No. NAN0019, titled “Impact I.S. Transom”, sheets 1 through 5 of 5, dated 01/26/09, with revision C dated 07/01/14, prepared by PTC, LLC, signed and sealed by Robert J. 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

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, city, state, model/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 and renews NOA# 12-0612.12 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 Manuel Perez, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's die drawings and sections.
2. Drawing No. NAN0019, titled "Impact I.S. Transom", sheets 1 through 5 of 5, dated 01/26/09, with revision C dated 07/01/14, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS
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 2411 3.2.1, TAS 202-94
   along with marked-up drawings and installation diagram of an in-swing transom, prepared by ETC Laboratories, Test Report No. ETC-08-209-21133.0, dated 05/22/08 to 05/28/08, and addendum letter dated 04/09/09, all signed and sealed by Joseph Labora Doldan, P.E.
   (Submitted under NOA No. 09-0305.04)
2. Test reports on: 1) Smoke Density Test, per FBC, ASTM D 2843
   2) Test for rate of Burning, per FBC, ASTM D 635
   3) Self Ignition Temperature, per FBC, ASTM D 1929
   4) Tensile Property Tests, per FBC, ASTM D 638
   along with marked-up drawings and installation diagram of SMC Fiberglass Material, Rigid PVC and Cellular PVC, all prepared by ETC Laboratories, Inc., Test Reports No. ETC-05-255-16776.1 dated 07/06/06, ETC-05-255-17144.1 dated 06/30/08 and ETC-05-255-16777.1 dated 04/26/06, all signed and sealed by Joseph Labora Doldan, P.E.
   (Submitted under NOA No. 09-0305.04)
3. Test reports on: 1) Surface Burning Test, per FBC, ASTM E 84
   along with marked-up drawings and installation diagram of Phenolic Foam Board, prepared by ETC Laboratories, Inc., Test Report No. ETC-06-255-17412.1, dated 04/25/06 with revision dated 06/28/06, signed and sealed by Joseph Labora Doldan, P.E.
   (Submitted under NOA No. 09-0305.04)

Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-0788.03
Expiration Date: July 15, 2019
Approval Date: August 21, 2014
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS
1. Anchor verification calculations and structural analysis, complying with FBC-2010, dated 06/30/14, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Glazing complies with ASTM E1300-04.

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 14-0423.17 issued to Eastman Chemical Company (MA) for their “Saflex Clear and Color Glass Interlayers” dated 0619/14, expiring on 05/21/16.

F. STATEMENTS
2. Laboratory compliance letters for Test Report No. ETC-08-209-21133.0, issued by ETC Laboratories, dated 08/01/08, signed and sealed by Joseph Labora Doldan, P.E. (Submitted under NOA No. 09-0305.04)
3. Laboratory compliance letters for Test Reports No. ETC-05-255-16776.1 dated 07/06/06, ETC-05-255-17144.1 dated 06/30/05, and ETC-05-255-16777.1 dated 04/26/06, all issued by ETC Laboratories, all signed and sealed by Joseph Labora Doldan, P.E. (Submitted under NOA No. 09-0305.04)
4. Laboratory compliance letters for Test Report No. ETC-06-255-17412.1, issued by ETC Laboratories, dated 06/28/06, signed and sealed by Joseph Labora Doldan, P.E. (Submitted under NOA No. 09-0305.04)

G. OTHERS
1. Notice of Acceptance No. 12-0612.12, issued to Nan Ya Plastics Corporation USA for their Series “Impact I.S. Transom” Aluminum Clad White PVC Fixed Window - L.M.I., approved on 07/26/12 and expiring on 07/15/14.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 14-0708.03
Expiration Date: July 15, 2019
Approval Date: August 21, 2014
NAN-YA PLASTICS CORP.
IMPACT I.S. TRANSOM
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:
1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELLOCYCANE HURRICANE ZONE (HIZ) OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNEE AND SEALED TEST REPORT # ETIC-08-200-2135.5 DATED 06/16/2008, AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADU COUNTY PROTOCOLS.
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING 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.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

INSTALLATION NOTES:
4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED MIAMI DADO IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT.
5. WINDOW FRAME MATERIAL: FOAM PVC WITH JH.
7. DESIGNATION "C" STANDS FOR THE FOLLOWING: C0 FIXED PANEL
8. A 1/2 INCREASE IN ALLOWABLE STRESS FOR THE WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.0) HAS BEEN USED FOR WOOD ANCHOR DESIGN.

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UNIT SIZE | WHERE WATER INfiltrATION REQUIREMENTS IS NEEDED | WHERE WATER INfiltrATION REQUIREMENTS IS NOT NEEDED | IMPACT RATING |
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<td>71-1/8&quot; X 24&quot;</td>
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<td>LARGE MISSILE IMPACT</td>
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DESIGN PRESSURE RATING (PSR)
ELEVATION & ANCHOR LAYOUT

INSTALLATION ANCHOR (TYP.)

5' MAX FROM CORNERS (TYP.)

LOCATED AT MIDSPAN (TYP.)

ELEVATION & ANCHOR LAYOUT

INSTALLATION ANCHOR (TYP.)

5' MAX FROM EACH SIDE OF CTR. OF MULL (TYP.)

12 7/8' MAX. O.C. BOTH SIDES OF MULL (TYP.)

5' MAX FROM CORNERS (TYP.)

ANCHOR FABRICATION LAYOUT

(GLAZING BEAD AND CORNER CONSTRUCTION FASTENING)

EXTERIOR VIEW

SEE SHEET 5 FOR ADDITIONAL CORNER CONSTRUCTION DETAILS
**E** HORIZONTAL SECTION
WOOD FRAME SUBSTRATE

**F** HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE

**G** HORIZONTAL SECTION
MULLION

1. INSWING FRAME
   FOAM PVC CO-EX
   - 1/2" GLASS BITE
   - 1/2" INTERIOR LAMINATED GLASS
   - 1/8" ANNEALED GLASS / 0.000" SAFETY PVDF INTERLAYER

2. GLAZING BEAD
   FOAM PVC
   - 31/32" THICKNESS
   - 1/2" CROWN

3. CORNER KEY
   DIE CAST
   - TYP. WALL THICKNESS 0.060" (1/16"")

4. MULLION FRAME
   FOAM PVC CO-EX
   - 2 3/4" THICKNESS
   - 1 19/32" Width

5. MULLION COVER
   ALUMINUM - 6063-T5
   - TYP. WALL THICKNESS 0.063" (1/16"")

- MIN. EMBEDMENT
  1 1/2" CONCRETE
  1" MASONRY
- CONCRETE / MASONRY BY OTHERS
  (SEE GENERAL NOTE 2, SHEET 1)

- MIN. EDGE DISTANCE (TYP.)
  1 1/8" CONCRETE
  2" MASONRY

- EXTERIOR FINISH BY OTHERS

- SHEATHING BY OTHERS

- PERIMETER CAULK BY OTHERS

- MAX. O.A. FRAME WIDTH

- 1/4" MAX. SHIM

- 1/4" MAX. SHIM

- SEE GLAZING DETAIL 1
  (ON THIS SHEET)

- SEE GLAZING DETAIL 1
  (ON THIS SHEET)
BILL OF MATERIALS

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
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<tr>
<td>1</td>
<td>INSWING FRAME</td>
<td>FOAM PVC CO-EX</td>
<td>NAN-YA PLASTICS CORP.</td>
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<td>GLAZING BEAD</td>
<td>FOAM PVC</td>
<td>NAN-YA PLASTICS CORP.</td>
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<td>3</td>
<td>CORNER KEY</td>
<td>DIE CAST</td>
<td>MICOTA LOCKS CO.</td>
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<td>MULLION</td>
<td>FOAM PVC CO-EX</td>
<td>NAN-YA PLASTICS CORP.</td>
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<td>MULLION COVER</td>
<td>ALUMINUM 6063-T5</td>
<td>MICOTA LOCKS CO.</td>
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<td>6</td>
<td>#10 X 3&quot; PH SCREW</td>
<td>STAINLESS STEEL</td>
<td>Zhong-Gun Screws Co.</td>
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<td>#10 X 1&quot; PH SCREWS SPACED 2 3/4&quot; &amp;</td>
<td>STAINLESS STEEL</td>
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<td>8 3/4&quot; FROM CORNERS @ JAMBS. 2 3/4&quot;</td>
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<td>FROM CORNERS &amp; 8 1/4&quot; O.C. THEREAFTER @ HEADSILL FOR UNIT W/O MULLION &amp; 2&quot; FROM CORNERS &amp; 8 5/8&quot; O.C. THEREAFTER @ HEADSILL FOR UNIT W/ MULLIONS.</td>
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<td>8</td>
<td>#10 PH INSTALLATION ANCHOR</td>
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<td>3/16&quot; ITW TAPCON ADVANCED THREADFORM SCREW</td>
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<td>ITW</td>
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<td>10</td>
<td>1/8&quot; INSULATED GLASS UNIT CONSISTING OF:</td>
<td>GLASS</td>
<td>CARDINAL</td>
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<td>18&quot; EXTERIOR TEMPERED GLASS/ ARGON SPACE/ INTERIOR LAMINATED GLASS COMPRIS OF: 18&quot; ANNEALED GLASS/ 0.003&quot; SAFLEX PVB INTERLAYER BY SOLUTION 18&quot; ANNEALED GLASS BY CARDINAL</td>
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<td>BACKBEDDING DOW CORNING 985 SILICONE</td>
<td>SILICONE</td>
<td>DOW CORNING</td>
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<td>12</td>
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<td>13</td>
<td>PLUG</td>
<td>PVC</td>
<td>Nan Ya Plastics Corp.</td>
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FOAM GASKET BETWEEN CORNER KEY & FRAME WITH SILICONE TO INTERIOR & EXTERIOR FACE OF JOINTS

EXTERIOR

KERFED FRAME

INTERIOR

KERFED FRAME

MULLION / FRAME HEAD DETAIL

CORNER DETAIL