## Florida Building Code Product Approval

**FL14752.22-R3 Impact 9’0” x 8’0’ Outswing, 3/4 Lite DP50**

<table>
<thead>
<tr>
<th>FL #</th>
<th>FL14752-R3</th>
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<tbody>
<tr>
<td>Application Type</td>
<td>Revision</td>
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<tr>
<td>Code Version</td>
<td>2010</td>
</tr>
<tr>
<td>Application Status</td>
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*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.*

### Comments

- Archived: 
  - [ ]

### Product Manufacturer

- Nan Ya Plastics Corporation
  - USA

### Address/Phone/Email

- 8989 North Loop East
  - Houston, TX 77029
  - (713) 674-7822 Ext 105
  - ajen96@yahoo.com.tw

### Authorized Signature

- RUSKIN WU
  - ajen96@yahoo.com.tw

### Technical Representative

- Ruskin Wu

### Address/Phone/Email

- 8989 North Loop East
  - Houston, TX 77029-1217
  - (713) 674-7822 Ext 105
  - ajen96@yahoo.com.tw

### Quality Assurance Representative

- 

### Address/Phone/Email

- 

### Category

- Exterior Doors

### Subcategory

- Swinging Exterior Door Assemblies

### Compliance Method

- Certification Mark or Listing

### Certification Agency

- National Accreditation & Management Institute

### Validated By

- National Accreditation & Management Institute,

### Referenced Standard and Year (of Standard)

<table>
<thead>
<tr>
<th>Standard</th>
<th>Year</th>
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<tr>
<td>AAMA/NWWDA 101/I.S.2</td>
<td>1997</td>
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<tr>
<td>AAMA/WDMA</td>
<td>2002</td>
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<tr>
<td>Certification Agency Certificate</td>
<td>FL14752_R3_C_CAC_NI010145-R1.pdf</td>
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<tr>
<td>----------------------------------</td>
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<tr>
<td>Quality Assurance Contract</td>
<td>FL14752_R3_II_08-00999C.pdf</td>
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<td>Expiration Date</td>
<td>11/30/2017</td>
</tr>
<tr>
<td>Installation Instructions</td>
<td>FL14752_R3_AE_511561C.pdf</td>
</tr>
</tbody>
</table>

**Limits of Use**

- **Approved for use in HVHZ:** No
- **Approved for use outside HVHZ:** Yes
- **Impact Resistant:** Yes
- **Design Pressure:** +50/-50
- **Other:**

**Certification Agency Certificate**

- FL14752_R3_C_CAC_NI010145-R1.pdf
- FL14752_R3_II_08-00999C.pdf
- FL14752_R3_AE_511561C.pdf

**Installation Instructions**

- Verified By: Luis R. Lomas, P.E. 62514
- Created by Independent Third Party: Yes

**Evaluation Reports**

- FL14752_R3_C_CAC_NI010145-R1.pdf
- FL14752_R3_AE_511561C.pdf
- FL14752_R3_II_08-00999C.pdf
- FL14752_R3_AE_511561C.pdf

**14752.22**

- Series 8’0 3/4 Lite Side Hinged Fiberglass Patio Door w/ and w/o Sidelites

**NEUMA OUTSWING - 9'0" X 8'0" , 3/4 GLAZED, 3 PANEL DP50**

**Equivalence of Product Standards**

<table>
<thead>
<tr>
<th>Standard</th>
<th>Year</th>
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<tbody>
<tr>
<td>101/I.S.2/NAFS</td>
<td>2008</td>
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<tr>
<td>AAMA/WDMA/CSA 101/I.S.2/A440</td>
<td>2008</td>
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<td>ASTM E1886</td>
<td>2005</td>
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<td>ASTM E1886</td>
<td>2002</td>
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<tr>
<td>ASTM E1996</td>
<td>2002</td>
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<tr>
<td>ASTM E1996</td>
<td>2005</td>
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<tr>
<td>ASTM E1996</td>
<td>2006</td>
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<tr>
<td>ASTM E330</td>
<td>2002</td>
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**Certified By**

- **Product Approval Method:** Method 1 Option A
- **Date Submitted:** 10/22/2014
- **Date Validated:** 11/24/2014
- **Date Pending FBC Approval:**
- **Date Approved:** 11/25/2014

**Quality Assurance Contract**

- Expiration Date: 11/30/2017

**Installation Instructions**

- Verified By: Luis R. Lomas, P.E. 62514
- Created by Independent Third Party: Yes

**Evaluation Reports**

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- FL14752_R3_AE_511561C.pdf
- FL14752_R3_II_08-00999C.pdf
- FL14752_R3_AE_511561C.pdf

**Created by Independent Third Party:** Yes
NOTICE OF PRODUCT CERTIFICATION

Company: Nan Ya Plastics Corporation  
989 North Loop East  
Houston, TX 77029  
Certification No.: NI010145-R1  
Certification Date: 03/01/2010  
Expiration Date: 11/30/2017  
Revision Date: 08/09/2013

Product: Series 8’0” Three-Quarter Lite Side-Hinged Fiberglass Patio Door w/ or w/o Sidelite (PVC Frame)


The “Notice of Product Certification” is only valid if the NAMI Certification Label has been applied to the product as described within this document. The certification label represents product conformity to the applicable specification and that all certification criteria has been satisfied. This product has been approved for listing within NAMI’s Certified Product Listing at www.Namicertification.com. NAMI’s Certification Program is accredited by The American National Standards Institute (ANSI).

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Inswing or Outswing</th>
<th>Glazed or Opaque</th>
<th>Maximum Size</th>
<th>Design Pressure Pos/Neg</th>
<th>Missile Impact Rated</th>
<th>Test Report Number</th>
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</thead>
<tbody>
<tr>
<td>X Single</td>
<td>O/S</td>
<td>Glazed</td>
<td>3’0” x 8’0”</td>
<td>+50/-50 HGD-R50</td>
<td>Yes</td>
<td>CTLA 1987W/CTLA 1907W</td>
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<tr>
<td></td>
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<td></td>
<td>Maximum Glazing DLO: 25.25” x 63.25” Glazing: IG-1/8” Tempered Glass/Laminate-1/8” Annealed Glass/0.090” PVB Interlayer/1/8” Annealed Glass</td>
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<tr>
<td>XX Double</td>
<td>O/S</td>
<td>Glazed</td>
<td>5’11” x 8’0”</td>
<td>+50/-50 HGD-R50</td>
<td>Yes</td>
<td>CTLA 1987W/CTLA 1907W</td>
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<tr>
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</tr>
<tr>
<td>OX/XO Single w/Sidelite</td>
<td>O/S</td>
<td>Glazed</td>
<td>5’11” x 8’0”</td>
<td>+50/-50 HGD-R50</td>
<td>Door-Yes Sidelite-Yes</td>
<td>CTLA 1987W/CTLA 1907W</td>
</tr>
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</tr>
<tr>
<td>OXX Double w/Sidelite</td>
<td>O/S</td>
<td>Glazed</td>
<td>8’10” x 8’0”</td>
<td>+50/-50 HGD-R50</td>
<td>Door-Yes Sidelite-Yes</td>
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National Accreditation & Management Institute, Inc./4794 George Washington Memorial Highway/Hayes, VA 23072  
Tel-(804) 684-5124/Fax-(804) 684-5122

NAMI AUTHORIZED SIGNATURE: ________________________________
Manufacturer: Nan Ya Plastics Corporation
8989 North Loop East
Houston, TX 77029

Product Line: Series 8’0 3/4 Lite Side Hinged Fiberglass Patio Door w/ and w/o Sidelites

Compliance:
The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(a). The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:
1. Approval document: drawing number 08-00999, Revision C, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: CTLA 1907W signed and sealed by Ramesh Patel P.E.
   Certified Testing Laboratories, Orlando, FL
   AAMA/WDMA/CSA 101/I.S.2/NAFS-02
   Design pressure: ±50.0psf
   Water penetration resistance 7.5psf
3. Report No.: CTLA 1987W signed and sealed by Ramesh Patel P.E.
   Certified Testing Laboratories, Orlando, FL
   ASTM E1886-05 and ASTM E1996-05
   ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
   ASTM E1886/ E1996 Cyclic Load Test, ±50.0psf design pressure
4. Anchor calculations, report number 511561-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Maximum design pressure: ±50.0psf
- Maximum unit size: 105 ¾” x 95 ½”
- Units must be glazed per ASTM E 1300-04, see installation instructions for glass options.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be rigid PVC.

Installation: Units must be installed in accordance with approval document, 08-00999, Revision C.

Certification of Independence: Please note that I don't have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).
NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL WHERE 1X BUCK IS NOT USED.
4. DIFFERENT MATERIALS MUST BE SEPARATELY APPROVED, COATING ON MASONRY IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
5. UNITS MUST BE GLAZED PER ASTM E1300-04. SEE SHEET 2 FOR GLASS OPTIONS.
6. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
7. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
8. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM ENGAGEMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
9. ALL FASTENERS TO BE CORROSION RESISTANT.
10. 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 BELOW:
   A. WOOD - MINIMUM SPECIFIC GRAVITY OF G-0.42
   B. CONCRETE - MINIMUM COMpressive STRENGTH OF 3,102 PSI
   C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
11. FRAME JAMB AND HEAD MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK.
12. FRAME SILL MATERIAL: CO-EXTRUDED PVC FOAM 1 1/2" THICK WITH ALUMINUM CLADDING .063" THICK.
13. DOOR PANEL AND SIDELITE MATERIAL: 0.75" THICK FIBERGLASS SKIN WITH PVC FOAM TOP AND BOTTOM RAILS, AND PVC FOAM VERTICAL STILES WITH FIBER REINFORCEMENTS AND POLYURETHANE FOAM CORE.
NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
ANCHORS MAY BE INSTALLED INSIDE OR OUTSIDE FRAME.
MASONRY/CONCRETE INSTALLATION
DOOR SHOWN, SIDELITE SIMILAR

SILL TO BE SET IN BED OF APPROVED SEALANT

MASONRY/CONCRETE BY OTHERS
1 1/4" MIN. EMBEDMENT

3/16" TAPCON

MASONRY/CONCRETE BY OTHERS
1 1/4" MIN. EMBEDMENT

3/16" TAPCON

1X BUCK BY OTHERS,
1X BUCK TO BE PROPERLY SECURED

2 1/2" MIN. EDGE DIST.

1/4" MAX. SHIM

INTERIOR

EXTERIOR

NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
ANCHORS MAY BE INSTALLED INSIDE OR OUTSIDE FRAME.