L. Roberto Lomas P.E.

Engineering Evaluation Report

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Report No.: 513827A

Manufacturer: Nan Ya Plastics Corporation

8989 North Loop East Houston, TX 77029

Product Line: Series "SLPS" Inswing Glazed Fiberglass Side-Hinged Patio Door - Impact

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 current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-02976, prepared, signed and sealed by Luis Roberto Lomas P.E.

2. Report No.: NCTL 210-4020-02 signed by Mark Bennett National Certified Testing Laboratories, Orlando, FL

AAMA/WDMA/CSA 101/I.S.2/A440

CSA A440S1

Design pressure: ±60.0psf
Water penetration resistance 6.0psf

ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
Cyclic Load Test, ±60.0psf design pressure

3. Anchor calculations, report number 513827-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

Maximum design pressure: +40.0/-60.0psf (where water penetration resistance is required)

±60.0psf (where water penetration resistance is not required)

Maximum unit size: 141 ½" x 95 ¼"

Approved Configurations:
 O. X. OX. XO. OXX, XXO. O/O/X/O. O/X/OX. O/XO/O. OXX/O. O/XXO.

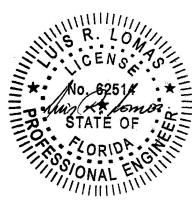
- Units must be glazed per ASTM E1300 see installation instructions for glass details.
- This product is not rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be Foam PVC Co-Ex.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-02976.

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).



Luis R. Lomas, P.E. FL No.: 62514 10/07/2020