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Engineering Evaluation Report

Report No.: 515258

Manufacturer: Eastern Architectural Systems

16341 Domestic Avenue Ft. Myers, FL 33913

Product Line: Series "279.043" Vinyl Double Hung Window - Impact

Compliance:

The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-03977, prepared, signed and sealed by Luis Roberto Lomas P.E.

2. Test report No.: P9404.02-109-47 signed by Jonathan Dodd

Intertek, Pittsburg, PA

AAMA/WDMA/CSA 101/I.S.2/A440 Design pressure: ±60.0psf

Water penetration resistance: 7.52psf (with sill extension 10005131)

9.19psf (with sill extension 10005139)

ASTM E1886 & E1996 Large Missile Impact, Level D, Wind Zone 4

Cyclic Load Test, ± 60.0 psf design pressure

3. Test report No.: P9409.04-501-18 signed and sealed by Tanya A. Dolby P.E.

Intertek, Pittsburg, PA

TAS 201/ TAS 203 Large Missile Impact, Level D, Wind Zone 4

Cyclic Pressure loading, ±60.0psf design pressure

TAS 202 Design pressure, ±60.0psf

Water penetration resistance: 7.52psf (with sill extension 10005131)

9.19psf (with sill extension 10005139)

4. Anchor calculations, report number 515258-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

• Design pressure: ± 50.0 psf (with sill extension 10005131)

±60.0psf (with sill extension 10005139)

• Unit size: 52" x 75"

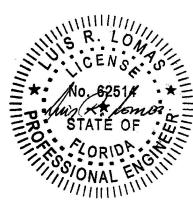
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame material to be Extruded PVC.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03977.

Certification of Independence:

Please note that I do not 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 do not 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 01/02/2024