

L. Roberto Lomas P.E.

400 S. Palm Ave.
Indialantic, FL 32903
434-688 0609
rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 514775A

Manufacturer: Eastern Architectural Systems
16341 Domestic Ave.
FT Myers, FL 33912

Product Line: Series 176 HRP 424 PVB Vinyl Horizontal Sliding Window – XOX

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03659 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: BT-EAS-20-001 signed and sealed by Constantin Bortes P.E.
Blackwater Technical Services Inc., West Palm Beach, FL
TAS 201/ TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 60.0 psf design pressure
TAS 202 Uniform Static Air Pressure, ± 60.0 psf design pressure, 9.0psf water penetration.
3. Anchor calculations, report number 514775-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 60.0 psf
- Unit size: 110" x 62"
- Approved configurations: XOX (1/4 – 1/2 - 1/4)
- 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 vinyl.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03659, Revision A.

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).

