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Engineering Evaluation Report

Report No.: 512462C

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

Product Line: Series 143 Vinyl Awning Impact Window – 53 1/8" x 39"

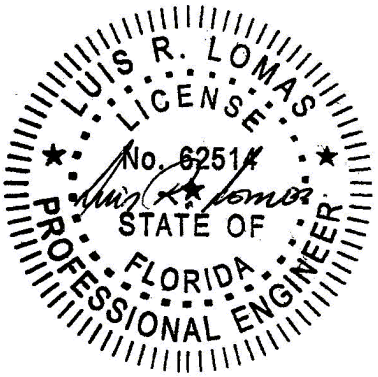
Compliance:
The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61G20-3.005 method 1(a). The product listed herein complies with requirements of the current Florida Building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

Supporting Technical Documentation:
1. Approval document: drawing number 08-01778 Revision C prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: ESP101311P-1 signed by Ramesh C. Patel P.E.
   Element Materials Technology, Wausau, WI
   AAMA/WDMA/CSA 101/I.S.2/A440-05
   Design pressure: ±70.0psf Water penetration resistance: 12.0psf
   ASTM E1886-05 and ASTM E1996-06
   ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
   ASTM E1886/ E1996 Cyclic Load Test, +65.0/-70.0psf design pressure
3. Report No.: ESP101311P-2 signed by Ramesh C. Patel P.E.
   Element Materials Technology, Wausau, WI
   AAMA/WDMA/CSA 101/I.S.2/A440-05
   Design pressure: ±70.0psf Water penetration resistance: 12.0psf
   ASTM E1886-05 and ASTM E1996-06
   ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4
   ASTM E1886/ E1996 Cyclic Load Test, +65.0/-70.0psf design pressure
4. Test report No.: ESP101311P signed by Ramesh C. Patel P.E.
   Element Materials Technology, Wausau, WI
   TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4
   TAS 202 -94 Uniform Static Air Pressure, +65.0/-70.0psf design pressure, 12.0psf water penetration.
   TAS 203-94 Cyclic Pressure loading +65.0/70.0psf design pressure
5. Test report No.: ESP101311P-3 signed by Ramesh C. Patel P.E.
   Element Materials Technology, Wausau, WI
   TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4
   TAS 202 -94 Uniform Static Air Pressure, +65.0/-70.0psf design pressure, 12.0psf water penetration.
   TAS 203-94 Cyclic Pressure loading +65.0/-70.0psf design pressure
6. Anchor calculations, report number 512462-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:
- Maximum design pressure: +65.0/-70.0psf
- Maximum unit size: 53 1/8" x 39"
- Units must be glazed per ASTM E1300-04/09, 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 rigid PVC.

Installation:
Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-01778 Revision B.

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.
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