

L. Roberto Lomas P.E.

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Engineering Evaluation Report

Report No.: 510954D

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

Product Line: 2466 Picture Window

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-00565 revision D, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test Report No.: CTLA-2062W-5 signed and sealed by Ramesh Patel, P.E.
Certified Testing Laboratories, Orlando, FL.
ASTM E1886/ E1996 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Load Test, ± 60.0 psf design pressure
3. Test Report No.: ATI 68099.03-701-47 signed by Michael L. Mackereth
Architectural Testing, York, PA.
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 80.0 psf
Water penetration resistance 12.0psf
4. Test report No.: CTLA 3010W-2 & -3 signed and sealed by Ramesh Patel P.E.
Certified Testing Laboratories, Orlando, FL
(For IG glass consisting of 3/16" HS - .090" PVB by Kuraray – 3/16" HS – air – 3/16" Ann)
TAS 201/ TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 70.0 psf (120"x48")
 $+85.0/-90.0$ psf (48"x54")
TAS 202 Uniform Static Air Pressure, ± 70.0 psf design pressure, 15.0psf water penetration (120"x48")
 $+85.0/-90.0$ psf design pressure, 15.0psf water penetration (48"x54")
5. Test report No.: BT-EAS-20-001 signed and sealed by Constantin Bortes P.E.
Blackwater Technical Services Inc., West Palm Beach, FL
(For IG glass consisting of 1/8" Ann – air – 3/16" Ann - .090" PVB by Kuraray – 3/16" Ann)
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
6. Anchor calculations, report number 510954-1C, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to installation drawing
- Unit size: 64" x 84"
- Units must be glazed per ASTM E 1300. See installation instructions for 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.
- PVC profiles certified by AAMA Deceunick North America DEP-1 and VBP-2

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-00565, Revision D.

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).

