

L. Roberto Lomas P.E.

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

Engineering Evaluation Report

Report No.: 514912

Manufacturer: E6 Global IPA, LLC.
12-1394, 369 Gangnam-Daero, Seocho-Gu
Seoul 06621, South Korea

Product Line: AZ57-HWF2 Twin Core Aluminum Bifold Door Impact

Compliance:

The product mentioned above 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(d). The product listed herein complies with requirements of the current Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-03755, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-4242-01 signed and sealed by Douglas J. McDougall P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 70.0 psf design pressure.
TAS 202 Uniform Static Air Pressure, ± 70.0 psf design pressure, 10.5psf water penetration.
3. Test report No.: NCTL 210-4242-08 signed and sealed by Douglas J. McDougall P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 201/TAS 203 Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading ± 55.0 psf design pressure.
TAS 202 Uniform Static Air Pressure, ± 70.0 psf design pressure, 10.5psf water penetration.
4. Anchor calculations, report number 514912-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: ± 70.0 psf (units with SG interlayer)
 ± 55.0 psf (units with PVB interlayer)
- Panel size: 36" x 80"
- Approved configuration: XX
- 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 Aluminum 6063-T5.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03755.

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).

