

L. Roberto Lomas P.E.

208 7th Ave.

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 515407

Manufacturer: GV Facades, LLC.
2135 State Hwy 6 South
Houston, TX 77077

Product Line: XT90 Fixed Window – Impact

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-04075, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: 241011002SHF-001 signed and sealed by Vinu Abraham P.E.
Intertek Testing Services Shenshen Ltd., Shanghai Fengxian, China
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: ± 65.16 psf
Water penetration resistance 9.82psf
ASTM E1886 and ASTM E1996
Large Missile Impact Test, Level D, Wind Zone 3
Cyclic Load Test, ± 60.0 design pressure
3. Anchor and mullion calculations, report number 515407-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: Refer to approval drawing
- Unit size: Refer to approval drawing
- Units must be glazed per ASTM E1300, according to glazing details in approval drawing.
- 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 up to wind zone 3.
- Frame material to be aluminum 6063-T5

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-04075.

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).

