

Manufacturer: Shwinco Architectural Products, LLC
171 Jet Services Way
Dothan, AL 36303

Product Line: Series 9050 HS Window Impact HVHZ

Compliance:

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

Supporting Technical Documentation:

1. Approval document: drawing number 08-03556 revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: NCTL 210-3529-1A signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL
TAS 201/ TAS-203
Large Missile Impact Test, Level D, Wind Zone 4
Cyclic Pressure loading: $\pm 55.0\text{psf}$ (76"x74")
 $\pm 70.0\text{psf}$ (54"x60")
 $\pm 120.0\text{psf}$ (72"x48")

TAS 202
Uniform Static Air Pressure, design pressure: $\pm 55.0\text{psf}$ (76"x74")
 $\pm 70.0\text{psf}$ (54"x60")
 $\pm 120.0\text{psf}$ (72"x48")

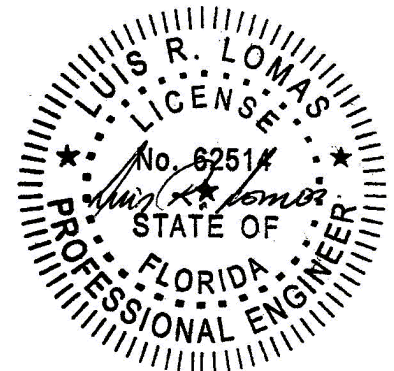
Water penetration: 8.25psf with standard sill
12.0psf with $\frac{3}{4}$ " sill riser
18.0psf with 2" sill riser
3. Test report No.: NCTL 210-3529-1 signed and sealed by Gerard J. Ferrara P.E.
National Certified Testing Laboratories, Orlando, FL
AAMA/WDMA/CSA 101/I.S.2/A440
Design pressure: $\pm 55.0\text{psf}$ (76"x74")
 $\pm 70.0\text{psf}$ (54"x60")
 $\pm 120.0\text{psf}$ (72"x48")

Water penetration: 8.25psf with standard sill
12.0psf with $\frac{3}{4}$ " sill riser
18.0psf with 2" sill riser

ASTM E1886/ E1996
Large Missile Impact, Level D, Wind Zone 4
Cyclic Pressure loading: $\pm 55.0\text{psf}$ (76"x74")
 $\pm 70.0\text{psf}$ (54"x60")
 $\pm 120.0\text{psf}$ (72"x48")
4. Anchor calculations, report number 514637-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Design pressure: $\pm 55.0\text{psf}$ (76"x74")
 $\pm 70.0\text{psf}$ (54"x60")
 $\pm 120.0\text{psf}$ (72"x48")
- 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 rigid PVC.



L. Roberto Lomas P.E.

208 7th Avenue

Indialantic, FL 32903

434-688-0609

rlomas@lrlomaspe.com

Engineering Evaluation Report

Report No.: 514637A

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document 08-03556, 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).

