## L. Roberto Lomas P.E.

**Engineering Evaluation Report** 

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**Report No.: 512728** 

**Manufacturer:** Gallina USA, Inc.

4335 Capital Circle Janesville, WI 53546

**Product Line:** 5/8" Hurricane Storm Panel RDC - 48" x 96"

## Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Community Affairs for Statewide Acceptance per Rule 61G20-3.005 method 1(d). The product listed herein complies with requirements of the Florida Building Code.

## Supporting Technical Documentation:

- Approval document: drawing number 08-02015, titled 5/8" Hurricane Storm Panel RDC 48" x 96", prepared, signed and sealed by Luis Roberto Lomas P.E.
- 2. Test report No.: NCTL 210-3249-1 signed and sealed by Robert H Zeiders P.E.

National Certified Testing Laboratories, Orlando, FL

TAS 201-94 Large Missile Impact Test, Level D, Wind Zone 4

TAS 202 -94 Uniform Static Air Pressure, ±60.0psf design pressure, 9.0psf water penetration.

TAS 203-94 Cyclic Pressure loading ±60.0psf design pressure

3. Report No.: NCTL 210-3192-1A signed and sealed by Robert H Zeiders P.E.

National Certified Testing Laboratories, York, PA

ASTM E330-02 Design Pressure: ±60.0psf

ASTM E1886-02 and ASTM E1996-02

ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4

ASTM E1886/ E1996 Cyclic Load Test, ±60.0psf design pressure

 Report No.: 3064952 signed by Michael Van Geyn Intertek Testing Services NA LTD., Coquitlam, BC

ASTM D1929-96 Self Ignition Temperature: 896°F (480°C)

5. Report No.: TJ1113 signed by J. Brian McDonald

Qai Laboratories, Tulsa, OK

ASTM D635-10 Rate of Burning: CC1

 Report No.: 3176551 signed by Miguel Zamarripa Intertek Testing Services NA Inc., Elmendorf, TX

ASTM E84-08 Flame Spread Index: 15 Smoke Developed Index: 350

7. Report No.: 3104507 signed and sealed by Chris Bowness P.E.

Intertek Testing Services NA Inc., Middleton, WI

ASTM G155-05 Tensile Strength: 6890psi (before exposure), 7197psi (after exposure)

8. Anchor calculations, report number 512728-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

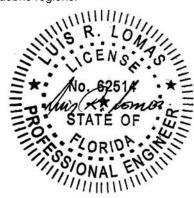
## Limitations and Conditions of use:

Maximum design pressure: ±60.0psf
Maximum panel size: 48" x 96"
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.

*Installation:* Units must be installed in accordance with approval document, 08-02015.

**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. FL No.: 62514 12/10/2013