

*L. Roberto Lomas P.E.*

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## Engineering Evaluation Report

Report No.: 512729

**Manufacturer:** Gallina USA, Inc.  
4335 Capital Circle  
Janesville, WI 53546

**Product Line:** 5/8" Hurricane Storm Panel RDC - 60" 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:**

1. Approval document: drawing number 08-02016, titled 5/8" Hurricane Storm Panel RDC - 60" x 96", prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Report No.: CTLA-1711-W signed and sealed by Ramesh Patel P.E.  
Certified Testing Laboratories, Orlando, FL  
ASTM E330-02 Design pressure:  $\pm 50.0$ psf  
ASTM E1886-02 and ASTM E1996-02  
ASTM E1886/ E1996 Large Missile Impact, Level D, Wind Zone 4  
ASTM E1886/ E1996 Cyclic Load Test,  $\pm 50.0$ psf design pressure
3. 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)
4. Report No.: TJ1113 signed by J. Brian McDonald  
Qai Laboratories, Tulsa, OK  
ASTM D635-10 Rate of Burning: CC1
5. 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
6. 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)
7. Anchor calculations, report number 512729-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

**Limitations and Conditions of use:**

- Maximum design pressure:  $\pm 50.0$ psf
- Maximum panel size: 60" x 96"
- 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.

**Installation:** Units must be installed in accordance with approval document, 08-02016.

**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).

