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Engineering Evaluation Report

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:

1. 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, ± 60.0 psf design pressure, 9.0psf water penetration.
TAS 203-94 Cyclic Pressure loading ± 60.0 psf 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: ± 60.0 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, ± 60.0 psf design pressure
4. 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
6. 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: ± 60.0 psf
- 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).

