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Engineering Evaluation Report

Report No.: 512503A

Manufacturer: US Aluminum – Division of C.R. Laurence Co., Inc.
720 Cel-River Road
Rock Hill, SC 29730

Product Line: IT 451 Storefront System

Compliance:

The above mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation 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 08-01817 Revision A, prepared, signed and sealed by Luis Roberto Lomas P.E.
2. Test report No.: CCLI 09-227 signed by Wesley A. Wilson
Construction Consulting Laboratory Int., Carrollton, TX
ASTM E330-02 Design pressure ± 25.0 psf Water resistance: 10.0psf
3. Test report No.: ATLNC 0724.01-06 signed and sealed by David Johnson P.E.
American Test Lab, Inc., Brevard, NC
TAS 202-94 Uniform Static Air Pressure, ± 65.00 psf design pressure, 15.0 water penetration
4. Anchor calculations, report number 512503-1, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

- Maximum design pressure: ± 25.0 psf (Refer to installation instructions for smaller sizes rating)
- Maximum Panel size: 57 1/2" x 87 3/4"
- Units must be glazed per ASTM E1300-04, see installation instructions for glass details.
- This product is not rated to be used in the HVHZ.
- This product is not impact resistant and requires impact protection in wind borne debris regions.
- Frame material to be extruded Aluminum 6063-T5.

Installation: Units must be installed in accordance with approval document, 08-01817 Revision A.

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).

