

**Evaluation Report D-HV-6**  
April 20, 2018

**Product Description:** Model D-HV-6 Aluminum Louver System

**Manufacturer:** United Enertech, Chattanooga, TN

**Statement of Compliance:** This report evaluates the above-listed product per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). This product complies with the requirements of the 6<sup>th</sup> Edition (2017) Florida Building Code for use outside the High Velocity Hurricane Zone. The product testing standards performed are outlined below.

**Technical Documentation:**

- 1) This report, prepared by Lucas A. Turner, P.E., at 1239 Jabara Ave., North Port, FL
- 2) Approval drawing Model D-HV-6, signed and sealed by Lucas A. Turner, P.E
- 3) Test Reports UNEN-001-02-01 and UNEN-002-02-01, from PRI Construction Materials Technologies, Tampa, FL, with testing performed: ANSI/AMCA 540-13, ANSI/AMCA 550-09, ASTM E 1886-05 (impact only), ASTM E 330-14
- 4) Supplemental Calculations to support Model D-HV-6, signed and sealed by Lucas A. Turner, P.E.

**Installation:** Units must be installed according to approval document Model D-HV-6.

**Limitations of Use:** This product:

- May be used in sizes and configurations indicated in Model D-HV-6 with horizontal and vertical fixed blade louvers. Maximum blade brace spacing is 24" on center; max. single-unit unbraced width is 25-11/16".
- Achieves design pressures of +/-150 psf
- Is Missile Level D impact resistant in accordance with AMCA 540
- May not be used in the High Velocity Hurricane Zone
- Requires 6063-T5 aluminum framing, blades, bracing, sleeving, and mullions

**Certification of Independence:** I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in United Enertech or in any company manufacturing or distributing products for which this report is being issued. I do not have, nor do I intend to acquire, nor will I acquire, a financial interest in any other entity involved in the testing or approval process of this product.



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4/20/2018  
Lucas A. Turner, P.E.  
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