

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197

Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No .:

FL-6336.7

Date:

september 14, 2015

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Cline Aluminum Doors, Inc. 112 32nd Ave. West Bradenton, FL 34205-8096 800.648.6736	Series 200BE FRP Double Door Outswing "Impact"

Scope:

This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F, Schmidt, P.E. for Cline Aluminum Doors, Inc. based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

- 1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- 2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 3. When used in areas requiring wind borne debris protection this product complies with Section 1609.1.2 of the FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and Section 1609.1.2.2 of the FBC.
- 4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 5. Site conditions that deviate from the details of drawing FL-6336.7 require further engineering analysis by a licensed engineer or registered architect.
- 6. See drawing FL-6336.7 for size and design pressure limitations.

Supporting Documents:

 Test Report No. 	<u>Test Standard</u>	Testing Laboratory	
TEL 01920672	ASTM E 330-02/E 331-00, E 1886-05/1996-06	Testing Evaluation Lab.	
TEL 01901408	ASTM E 330-02/E 331-00, E 1886-05/1996-06	Testing Evaluation Lab.	
2. Drawing No.	Prepared by		
No. FL-6336.7	RW Building Consultants, Inc. (CA #9813)		

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Signed by Vivian K. Wright Vivian K. Wright Signed & Sealed by Lyndon F. Schmidt, P.E.

3. Miami-Dade NOA No. **Materials Testing** 14-0916.11 Sentryglas® Interlayer 4. Calculations

Signed & Sealed by Lyndon F. Schmidt, P.E.

5. Quality Assurance

Anchoring

Certificate of Participation issued by National Accreditation and Management Institute, certifying that Cline Aluminum Doors, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Lyndon F. Schmidt, P.E. FL PE No. 43409 9/15/2015