

# R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Certificate of Authorization No. 9813

## Product Evaluation Report

Report No.: FL-16663.12

Date: August 12, 2015

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Clark Hall Iron Doors, Inc. 307-GW Tremont Ave. Charlotte, NC 28203 (704) 987-0777	Glazed Iron Double Door w/ Transom w/ & w/out Sidelites Inswing/Outswing - "Impact"

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

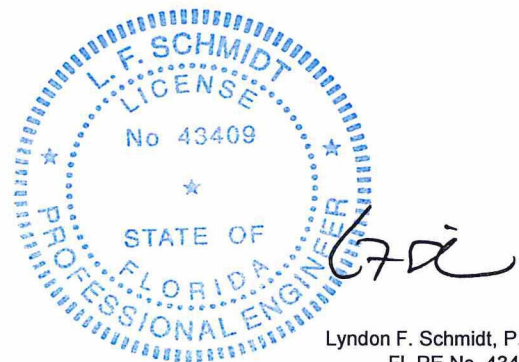
RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

### 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 E1996 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-16663.12 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-16663.12 for size and design pressure limitations.

### Supporting Documents:

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| 1. <b>Test Report No.</b><br>TEL 03100786.1<br>TEL 03100787.1  | <b>Test Standard</b><br>ASTM E 330-02<br>ASTM E1886-05 / E1996-09 | <b>Testing Laboratory</b><br>Testing Evaluation Lab., Inc.<br>Testing Evaluation Lab., Inc. | <b>Signed by</b><br>V. K. Wright<br>V. K. Wright         |
| 2. <b>Miami-Dade NOA</b><br>11-0624.02   | <b>Materials Testing</b><br>DuPont SentryGlas Interlayer          |   |  |
| 3. <b>Drawing No.</b><br>No. FL-16663.12   | <b>Prepared by</b><br>RW Building Consultants, Inc. (CA #9813)    |   | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E. |
| 4. <b>Calculations</b><br>Anchor   | <b>Prepared by</b><br>RW Building Consultants, Inc. (CA #9813)    |   | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E. |
| 5. <b>Quality Assurance</b><br>Certificate of Participation issued by National Accreditation and Management Institute, certifying that Clark Hall Iron 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  
8/18/2015