

**Product Evaluation Report**

**Report No.:** FL-16854.10

**Date:** September 15, 2015

Product Category	Sub Category	Manufacturer	Product Name
Windows	Single Hung	Doers Window Manufacturing, LLC 4901 Oak Fair Blvd Tampa, FL 33610 (813) 626-6000	4450 Single Hung Window Impact Rated w/ Flange

**Scope:** Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Doers Window Manufacturing, LLC, based on Rule Chapter No. 61G20-3, Method 1A of the State of Florida Product Approval, Dept. of Business & Professional Regulation.

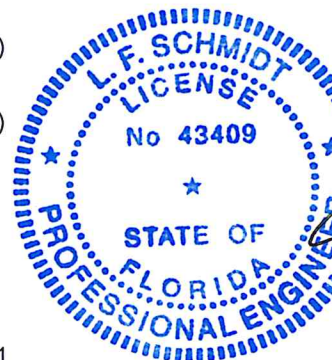
RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

**Limitations:**

1. This product anchoring drawing has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications & ratings.
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 Florida Building Code 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-16854.10 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-16854.10 for size and design pressure limitations.

**Supporting Documents:**

1. <b>Test Report No.</b> ESP011287P-1	<b>Test Standard</b> AAMA/WDMA/CSA 101/I.S.2/A440-08	<b>Testing Laboratory</b> Element Materials Tech.	<b>Signed by</b> Ramesh C. Patel, P.E.
ESP013304P-1	ASTM E 1886-05/1996-09	Element Materials Tech.	Ramesh C. Patel, P.E.
2. <b>Miami-Dade NOA</b> 14-0916.10 14-0423.16	<b>Materials Testing</b> Butacite PVB Interlayer Saflex® PVB Interlayer (Eastman Chemical Co.)		
3. <b>Drawing No.</b> No. FL-16854.10	<b>Prepared by</b> RW Building Consultants, Inc. (CA #9813)		<b>Signed &amp; Sealed by</b> Lyndon F. Schmidt, P.E.
4. <b>Calculations</b> Anchoring	<b>Prepared by</b> RW Building Consultants, Inc. (CA #9813)		<b>Signed &amp; Sealed by</b> Lyndon F. Schmidt, P.E.



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