

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-16854.9
	Date: June 30, 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/ Nailing Fin

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.

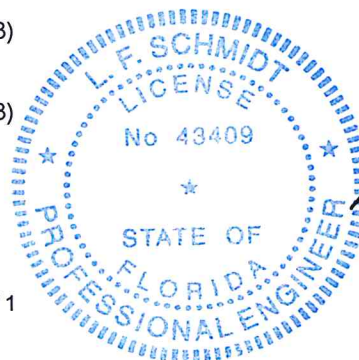
RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

- 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.
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- Site conditions that deviate from the details of drawing FL-16854.9 require further engineering analysis by a licensed engineer or registered architect.
- See drawing FL-16854.9 for size and design pressure limitations.

Supporting Documents:

1. Test Report No. ESP011287P-1 ESP011287P-2 TEL 02031220 TEL 02031222	Test Standard AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05/1996-09 AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05/1996-09 AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05/1996-06	Testing Laboratory Element Materials Tech. Element Materials Tech. Testing Evaluation Labs. Testing Evaluation Labs.	Signed by Ramesh C. Patel, P.E. Ramesh C. Patel, P.E. Vivian K. Wright Vivian K. Wright
2. Miami-Dade NOA 13-0129.27 14-0423.16	Materials Testing DuPont PVB Interlayer Saflex® PVB Interlayer (Eastman Chemical Co.)		
3. Drawing No. No. FL-16854.9	Prepared by RW Building Consultants, Inc. (CA #9813)		Signed & Sealed by Lyndon F. Schmidt, P.E.
4. Calculations Anchoring	Prepared by RW Building Consultants, Inc. (CA #9813)		Signed & Sealed by Lyndon F. Schmidt, P.E.



[Signature]
Lyndon F. Schmidt, P.E.
FL PE No. 43409
7/27/2015