

# R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Registry License No. 9813

## Product Evaluation Report

Report No.:

FL-16854.9

Date:

August 4, 2020

| Product Category | Sub Category | Manufacturer                                                                                            | Product Name                                              |
|------------------|--------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Windows          | Single Hung  | Doers Window Manufacturing, LLC<br>10741 Crossroads Commerce Blvd.<br>Tampa, FL 33610<br>(813) 626-6000 | 4450 Single Hung Window<br>Impact Rated<br>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 1D of the State of Florida Product Approval, Dept. of Business & Professional Regulation.

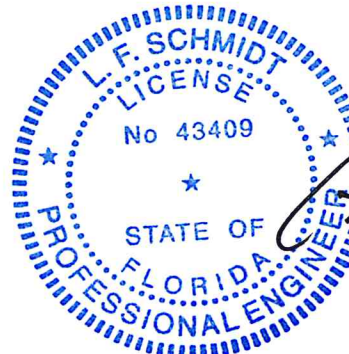
RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

### Limitations:

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) 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 FBC Sections 1609.1.2 & R301.2.1.2 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 FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. Site conditions that deviate from the details of drawing FL-16854.9 require further engineering analysis by a licensed engineer or registered architect.
5. See drawing FL-16854.9 for size and design pressure limitations.

### Supporting Documents:

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| <b>1. Test Report No.</b><br>ESP011287P-1<br><br>ESP011287P-2<br><br>TEL 02031220<br>TEL 02031222<br>TEL 02031844<br>TEL 02031845                                                                                                                                                  | <b>Test Standard</b><br>AAMA/WDMA/CSA 101/I.S.2/A440-08<br>ASTM E 1886-05/1996-09<br>AAMA/WDMA/CSA 101/I.S.2/A440-08<br>ASTM E 1886-05/1996-09<br>AAMA/WDMA/CSA 101/I.S.2/A440-08<br>ASTM E 1886-05/1996-06<br>AAMA/WDMA/CSA101/I.S.2/A440 (11)<br>ASTM E1886 (05) / E1996 (09) | <b>Testing Laboratory</b><br>Element Materials Tech.<br><br>Element Materials Tech.<br><br>Testing Evaluation Labs.<br>Testing Evaluation Labs.<br>Testing Evaluation Lab, Inc.<br>Testing Evaluation Lab, Inc. | <b>Signed by</b><br>Ramesh C. Patel, P.E.<br><br>Ramesh C. Patel, P.E.<br><br>Vivian K. Wright<br>Vivian K. Wright<br>V.K. Wright<br>V.K. Wright |
| <b>2. Miami-Dade NOA</b><br>17-0712.05<br>19-0305.02                                                                                                                                                                                                                               | <b>Materials Testing</b><br>Saflex® PVB Interlayer (Eastman Chemical Co.)<br>Trosifol/Butacite PVB Interlayer (Kuraray)                                                                                                                                                         |                                                                                                                                                                                                                 |                                                                                                                                                  |
| <b>3. Drawing No.</b><br>No. FL-16854.9                                                                                                                                                                                                                                            | <b>Prepared by</b><br>RW Building Consultants, Inc. (#9813)                                                                                                                                                                                                                     |                                                                                                                                                                                                                 | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E.                                                                                         |
| <b>4. Calculations</b><br>Anchoring                                                                                                                                                                                                                                                | <b>Prepared by</b><br>RW Building Consultants, Inc. (#9813)                                                                                                                                                                                                                     |                                                                                                                                                                                                                 | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E.                                                                                         |
| <b>5. Quality Assurance</b><br>Certificate of Participation issued by National Accreditation and Management Institute, certifying that Doers Window Manufacturing, LLC 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  
8/4/2020