

Product Evaluation Report

Report No.: FL-19007.17

Date: August 3, 2020

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Doers Window Manufacturing, LLC 10741 Crossroads Commerce Blvd. Tampa, FL 33610 (813) 626-6000	Diamond Series Flush Glazed Fiberglass Door w/ Sidelite Inswing/Outswing "Impact"

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, 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 7th Edition (2020) 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 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 E1996 and Section 1609.1.2.2 and R301.2.1.2 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-19007.17 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-19007.17 for size and design pressure limitations.

Supporting Documents:

1. **Test Report No.**
CTLA 924 W
CTLA 900 W3-2
TEL 01030175
TEL 01030175-IC
2. **Miami-Dade NOA**
19-0305.02
3. **Drawing No.**
No. FL-19007.17
4. **Calculations**
Anchoring
Buck Anchoring
5. **Quality Assurance**

Test Standard
TAS 201, 202, 203-94
101/I.S.2-97
AAMA/WDMA/CSA101/I.S.2/A440-05
ASTM E1886/1996-05

Materials Testing
Kuraray Trosifol PVB Interlayer

Prepared by
RW Building Consultants, Inc. (#9813)

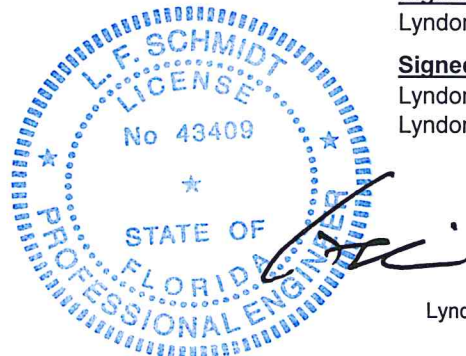
Prepared by
RW Building Consultants, Inc. (#9813)
RW Building Consultants, Inc. (#9813)

Testing Laboratory
Certified Testing Lab.
Certified Testing Lab.
Testing Evaluation Lab., Inc
Testing Evaluation Lab., Inc

Signed by
Ramesh Patel, P.E.
Ramesh Patel, P.E.
Lyndon F. Schmidt, P.E.
Lyndon F. Schmidt, P.E.

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

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



Lyndon F. Schmidt, P.E.
FL PE No. 43409
8/12/2020