



# 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-14935.8

Date: April 15, 2024

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Exterior Door Components	ODL, Inc. 215 East Roosevelt, Ave. Zeeland, MI 49464 Phone - 616.748.5437	ODL, Inc. "Impact Resistant" Severe Weather® Doorglass Assembly for Glazing up to a 3'0 x 8'0 Single Panel

**Scope:** Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for ODL, 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:

- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- When used in the "HVHZ" this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
- When used in areas outside of the "HVHZ" 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.
- This product meets the water infiltration requirements for the "HVHZ".
- This product is approved for use as a substitute doorglass assembly in conjunction with a glazed steel or fiberglass side hinged swing door and/or fixed sidelite possessing a comparable current Florida Statewide product approval.
- The design pressure (DP) rating shall be the lesser of the DP rating shown on Sheet 1 of Drawing No. FL-14935.8 or the DP rating shown in the glazed steel or fiberglass side hinged swing door or fixed sidelite approval being used.
- The door panel and lite opening size shall not exceed the sizes shown in Drawing No. FL-14935.8 or in the glazed steel or fiberglass side hinged swing door or fixed sidelite approval being used.
- This product has been tested in the door and/or sidelite panels as specified on Sheet 5 of Drawing No. FL-14935.8. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the glazed steel or fiberglass door and/or sidelite used must possess a comparable current Florida Statewide product approval.

### Supporting Documents:

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| 1. <b>Test Report No.</b><br>TEL 01313773<br>TEL 01313799<br>TEL 01313801  | <b>Test Standard</b><br>TAS 201, 202, & 203-94<br>TAS 201, 202, & 203-94<br>TAS 201, 202, & 203-94 | <b>Testing Laboratory</b><br>Testing Evaluation Lab., Inc.<br>Testing Evaluation Lab., Inc.<br>Testing Evaluation Lab., Inc. | <b>Signed by</b><br>William B. Shelton, P.E.<br>William B. Shelton, P.E.<br>William B. Shelton, P.E. |
| 2. <b>Drawing No.</b><br>No. FL-14935.8  | <b>Prepared by</b><br>RW Building Consultants, Inc. (#9813)  |  | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E.   |
| 3. <b>Miami-Dade NOA No.</b><br>23-0713.20   | <b>Materials Testing</b><br>Saflex PVB Interlayer (Eastman Chemical Company)                       |  |  |
| 4. <b>Calculations</b><br>ASTM E 1300 Glass Load   | <b>Prepared by</b><br>RW Building Consultants, Inc. (#9813)  |  |  |
| 5. <b>Quality Assurance</b><br>Certificate of Participation issued by National Accreditation and Management Institute, certifying that ODL, Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. |  |  |  |

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409  
This item has been digitally signed and sealed by L. F. Schmidt on 4-16-24.  
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

**THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA**