R W B C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197

Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-29465.1***

Date: ***July 26, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Exterior Door Components**	**ODL, Inc. 215 East Roosevelt Avenue Zeeland, MI 49464 Phone (616) 748-5437**	**ODL, Inc. FiberMate® Gen 1 (PC/ABS Plastic Resin) Lite Frame Material for Door Assemblies**

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and 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:

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) plastic requirements including the "High Velocity Hurricane Zone".
2. This approval does not include an evaluation of the structural performance of this component. Test reports and all required documents must be submitted showing the system using this component will resist loads according to Chapter 16 of the FBC (refer to FBC Section 2606.5 Structural Requirements).
3. See drawing FL-29465.1 for plastic testing results.

Supporting Documents:

1.

Test Report No.	Test Standard	Testing Laboratory	Signed by
TEL 01310165 TEL 01310168 TEL 01310321B	ASTM D 1929-96	Testing Evaluation Laboratory	Lyndon F. Schmidt, P.E.
TEL 01310166 TEL 01310169 TEL 01310321C	ASTM D 2843-99	Testing Evaluation Laboratory	Lyndon F. Schmidt, P.E.
TEL 01310167 TEL 01310170 TEL 01310321A	ASTM D 635-03	Testing Evaluation Laboratory	Lyndon F. Schmidt, P.E.
TEL 01310322 TEL 01310323 TEL 01310321D	ASTM D 638-03/G 155-04	Testing Evaluation Laboratory	Lyndon F. Schmidt, P.E.

2.

Drawing No.	Prepared by	Signed & Sealed by
No. FL-29465.1	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

3.

Calculations	Prepared by
ASTM E 1300 Glass Load	RW Building Consultants, Inc. (#9813)

4. **Quality Assurance**
Certificate of Participation issued by National Accreditation and Management Institute, certifying that ODL is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.07.26 10:37:33 -04'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by **L. F. Schmidt** on **7-26-23**.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.