



MIAMI-DADE COUNTY
BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building

ODL, Inc.
215 East Roosevelt Avenue
Zeeland, MI 49464

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County BNC - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BNC reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: FiberMate PC/ABS Plastic Resin

APPROVAL DOCUMENT: Drawing No. **S-4104**, titled "FiberMate PC/ABS Plastic Resin" sheet 1 of 1, dated 02/01/11, prepared by RW Building Consultants, Inc, signed and sealed by Ryan J. King, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Handwritten Signature]
 / 04/27/11

NOA No. 11-0222.06
Expiration Date: May 05, 2016
Approval Date: May 05, 2011
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **S-4104**, titled "FiberMate PC/ABS Plastic Resin" sheet 1 of 1, dated 02/01/11, prepared by RW Building Consultants, Inc, signed and sealed by Ryan J. King, P.E.

B. TESTS

	<u>Test Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	TEL # 01310165	ASTM D1929	09/28/09	Lyndon F. Schmidt, P.E.
2.	TEL # 01310166	ASTM D2843	09/29/09	Lyndon F. Schmidt, P.E.
3.	TEL # 01310167	ASTM D635	09/28/09	Lyndon F. Schmidt, P.E.
4.	TEL # 01310322	ASTM G155/D638	12/01/10	Lyndon F. Schmidt, P.E.
5.	TEL # 01310321A	ASTM D635	05/01/10	Lyndon F. Schmidt, P.E.
6.	TEL # 01310321B	ASTM D1929	05/01/10	Lyndon F. Schmidt, P.E.
7.	TEL # 01310321C	ASTM D2843	05/01/10	Lyndon F. Schmidt, P.E.
8.	TEL # 01310321D	ASTM G155/D638	12/01/10	Lyndon F. Schmidt, P.E.
9.	TEL # 01310168	ASTM D1929	09/28/09	Lyndon F. Schmidt, P.E.
10.	TEL # 01310169	ASTM D2843	09/29/09	Lyndon F. Schmidt, P.E.
11.	TEL # 01310170	ASTM D635	09/28/09	Lyndon F. Schmidt, P.E.
12.	TEL # 01310323	ASTM G155/D638	12/01/10	Lyndon F. Schmidt, P.E.

C. CALCULATIONS:

1. None.

D. QUALITY ASSURANCE

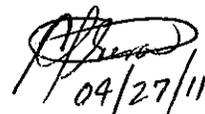
1. Miami-Dade Building and Neighborhood Compliance Department (BNC)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to FBC 2007 and no financial interest, issued by RW Building Consultants, Inc., dated 02/16/11, signed and sealed by Ryan J. King, P.E.



04/27/11

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 11-0222.06
Expiration Date: May 05, 2016
Approval Date: May 05, 2011



ODL / WESTERN REFLECTIONS

FiberMate® (PC/ABS Plastic Resin)

TO BE USED AS LITE FRAME MATERIAL FOR DOOR ASSEMBLIES

FiberMate® MATERIAL PROPERTIES				
DESCRIPTION	TEST	FiberMate® Color		
		White	Black	Mahogany
SELF-IGNITION TEMP.	ASTM D 1929	842 °F > 650 °F	815 °F > 650 °F	844 °F > 650 °F
SMOKE DENSITY RATING	ASTM D 2843	66.7% < 75%	67.4% < 75%	72.2% < 75%
RATE OF BURNING	ASTM D 635	0.94 < 1.0 in./min. (Class C-1)	1.09 < 2.5 in./min. (Class C-2)	0.81 < 1.0 in./min. (Class C-1)
TENSILE STRESS	ASTM G 155 (4500 hrs.) & ASTM D 638	Before* = 7700 psi After* = 7000 psi	Before* = 7580 psi After* = 7870 psi	Before* = 7440 psi After* = 7150 psi
		% Difference = 9.1 < 10%	% Difference = 3.8 < 10%	% Difference = 3.9 < 10%

COMPONENT APPROVAL

* Tensile testing on controlled and weathered specimens per Section 2612.2 of the 2007 FBC.

GENERAL NOTES

- FiberMate® (PC/ABS Plastic Resin) Doorlight Assemblies manufactured by ODL/Western Reflections are in compliance with the 2007 Florida Building Code (FBC) plastic requirements including the High Velocity Hurricane Zone (HVHZ).
- 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 2007 FBC.

Approved as complying with the Florida Building Code
 Date 05/05/2011
 NOAH 11-0222-06
 Miami Date Product Control
 By *[Signature]*

DATE: 2/01/2011
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: S-4104
SHEET 1 OF 1

Documents Prepared By: *RW* BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vairco FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
[Signature] Ryan J. King, P.E. No. 64619

PRODUCT: FiberMate® PC/ABS Plastic Resin
 PART OR ASSEMBLY: ODL DOORLIGHT ASSEMBLIES

NO.	DATE	BY	REVISIONS