MIAMI-DADE COUNTY

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Sheffield Plastic, Inc.
119 Salisbury Road
Sheffield, MA 01257

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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: HYZOD Polycarbonate Sheet GP, SL & AR – N.I.

APPROVAL DOCUMENT: Drawing No. **no number**, titled Dade Test Results Table # 1, prepared by Sheffield Plastics, Inc., issued on 07/23/98, signed and sealed by R. G. Miller, PE. bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LIMITATIONS: This is a component approval and does not include evaluation of structural performance of this component. Systems incorporating this component shall be tested as a system for compliance with applicable systems testing to design pressures according to Chapter 16 of the Florida Building Code and Supplements.

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", unless otherwise noted herein.

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 **renews NOA # 01-0709.07** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**

PRODUCT CONTROL ACCEPTED

J. Gascon
4/5/07

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **no number**, titled Dade Test Results Table # 1, prepared by Sheffield Plastics, Inc., issued on 07/23/98, signed and sealed by R. G. Miller, PE.

B. TESTS

	Laboratory Report No.	Test	Date	Signature
1	MTS 258217A-1	ASTM D1929	11/19/97	R. G. Miller, PE.
2	MTS 258217A-2	ASTM D1929	11/19/97	R. G. Miller, P.E.
3	MTS 258217A-3	ASTM D1929	11/19/97	R. G. Miller, PE.
4	MTS 258217A-4	ASTM D1929	11/19/97	R. G. Miller, PE.
5	MTS 258217C-1	ASTM D635	11/19/97	R. G. Miller, PE.
6	MTS 258217C-2	ASTM D635	11/19/97	R. G. Miller, PE.
7	MTS 258217C-3	ASTM D635	11/19/97	R. G. Miller, P.E.
8	MTS 258217C-4	ASTM D635	11/19/97	R. G. Miller, P.E.
9	MTS 258217C-5	ASTM D635	11/19/97	R. G. Miller, PE.
10	MTS 258217	ASTM D638	06/08/98	R. G. Miller, PE.
11	MTS 258217	ASTM D638	04/23/98	R. G. Miller, PE.
12	SGS 123187-1	ASTM D2843	10/02/97	D. H. Mangnall, PE.
13	SGS 123187-2	ASTM D2843	10/02/97	D. H. Mangnall, PE.
14	SGS 123187-3	ASTM D2843	10/02/97	D. H. Mangnall, PE.
15	SGS 101320	ASTM D2843	11/11/97	D. H. Mangnall, PE.

along with marked-up drawings and installation diagram prepared by Celotex Corporation, Test Report No. **MTS-258217**, dated April 23, 1998, signed and sealed by R. G. Miller, P.E.
"Submitted under NOA# 01-0709.07"

C. CALCULATIONS

None

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None

F. STATEMENTS

1 Letter of Code Compliance by Product Application Engineering, Inc, issued on 05/11/98, signed and sealed by J. L. Holsonback, PE.
2 Letter of Test Compliance issued by SGS U.S. Testing Company, Inc. on 10/07/97, signed and sealed by D. H. Mangnall, PE.
3 Renewed request letter by Sheffield Plastic, Inc., dated 03/07/07, signed by Eric B. Murray.

G. OTHER

1 Retest acknowledgement by Architectural Testing, Inc. in York, PA. on 04/03/07.
2 Consent of Shareholder issued by Bayer Corporation on 02/03/99 and signed by L.F. Nute Secretary.

Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 07-0313.04
Expiration Date: August 27, 2008
Approval Date: April 26, 2007

Description

HYZOD® products are polycarbonate sheets extruded from polycarbonate resins with primary use as glazing for windows, skylights, and light transmitting systems. Standard sizes are 1/16" to 1/2" thick to 120" long and 96" wide.

MATERIAL CHARACTERISTICS

Description	HYZOD GP (1)				HYZOD SL (2)		HYZOD AR (3)	
	0.030"	0.060"	0.118"	0.250"	0.118"	0.250"	0.118"	0.250"
Ave. Extent Burning ASTM D635	–	35 mm	–	–	38 mm	15 mm	10 mm	7 mm
Ave. Time Burning ASTM D635	–	101 sec.	–	–	144 sec.	75 sec.	16 sec.	10 sec.
Rate of Burning ASTM D635	1.65 in/min	0.64 in/min	–	–	0.52 in/min	0.33 in/min	0.50 in/min	0.41 in/min
Self Ignition Temp. ASTM D1929	1058° F	–	1022° F	–	1022° F	–	1040° F	–
Flash Ignition Temp. ASTM D1929	842° F	–	824° F	–	824° F	–	824° F	–
Smoke Density Rating ASTM D2843	45.7 %	66.3 %	67.8 %	73.8 %	71.2 %	74.4 %	69.1 %	70.7 %
Max. Smoke Density ASTM D2843	70.0 %	88.0 %	96.6 %	98.0 %	96.0 %	100 %	91.3 %	96.6 %

	0.030" GP		0.118" GP		0.118" SL		0.118" AR	
Tensile Strength ASTM D638	* Before 9501 psi	After 9571 psi	* Before 9329 psi	After 9450 psi	* Before 9454 psi	After 9551 psi	* Before 9931 psi	After 9837 psi

* Weathering per 3505.2 (b) of S.F.B.C.

(1) GP for General Glazing

(2) SL for Increased UV Protection

(3) AR for Abrasion Resistance and Increased UV Protection

PRODUCT RENEWED
as complying with the Florida Buiding Code
Acceptance No 07-0313.04
Expiration Date 08/27/2008
By
Miami-Dade Product Control Division

PRODUCT RENEWED
ACCEPTANCE No. 01-0709.07
EXPIRATION DATE 08/27/2006
By
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE

For Office Use

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE 08/27/98 19
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 98-0515.03

Sheffield Plastics, Inc.
119 Salisbury Road
Sheffield, MA 01257
Dade Test Results Table# 1
Issued July 23, 1998

R. G. Miller, Mech. Engr., FL0023335

7-24-98