



**BUILDING CODE COMPLIANCE OFFICE**  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

**CONTRACTOR LICENSING SECTION**  
(305) 375-2527 FAX (305) 375-2558

**CONTRACTOR ENFORCEMENT DIVISION**  
(305) 375-2966 FAX (305) 375-2908

**PRODUCT CONTROL DIVISION**  
(305) 375-2902 FAX (305) 372-6339

**PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Sheffield Plastics, Inc.**  
**119 Salisbury Road**  
**Sheffield ,MA 01257**

Your application for Notice of Acceptance (NOA) of:

**HYZOD Polycarbonate Sheet**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-0709.07**  
**EXPIRES: 08/27/2006**

Raul Rodriguez  
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL  
CONDITIONS  
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 08/23/2001**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1.0 SCOPE:**

1.1 This renews the Notice of Acceptance NO. 98-0515.03 that was issued on 08/27/98. It approves polycarbonate sheets as described in Section 2 of this Notice of Acceptance (NOA). It is designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County (S.F.B.C.) for the location where the requirements as determined by SFBC Chapter 35 are met.

**2.0 PRODUCT DESCRIPTION:**

2.1 The **Hyzod polycarbonate sheets GP, SL & AR** are approved with properties described in the following document titled "Dade Test Results Table #1" with out number, prepared by Sheffield Plastics, Inc. and dated 07/23/98. They bear the Miami-Dade County Product Control Approval stamp with NOA number and approval date by the Miami-Dade County Product Control Division. This drawing shall hereinafter be referred to as the approved drawing.

**3.0 LIMITATIONS:**

3.1 This is a component approval and does not include an evaluation of structural performance of this component. Systems incorporating this component shall apply for an NOA to the Miami-Dade County Product Control Division and shall submit test reports and other required documents showing that the systems using this component will resist the loads according to Chapter 23 of the S.F.B.C.

**4.0 INSTALLATION:**

4.1 The Hyzod polycarbonate sheets GP, SL & AR shall be fabricated in strict compliance with the approved drawing and the applicable sections of The South Florida Building Code.

**5.0 LABELING:**

5.1 Each sheet shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement "Dade County Product Approved".

**6.0 BUILDING PERMIT REQUIREMENTS:**

6.1 Application for Building Permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance

6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the component selected for the proposed system.

6.1.3 Any other document required by the Building Official or the South Florida Building Code in order to properly evaluate the installation of the system.

  
Candido Font, PE. Sr. Product Control Examiner  
Product Control Division

**NOTICE OF ACCEPTANCE STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

  
Candido Font, PE. Sr. Product Control Examiner  
Product Control Division

**END OF THIS ACCEPTANCE**

**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 <sup>(1)</sup>				HYZOD SL <sup>(2)</sup>		HYZOD AR <sup>(3)</sup>	
	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**

ACCEPTANCE NO. 01-0709.07

EXPIRATION DATE 08/27/2006

<p>For Office Use</p> <p>APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE</p> <p>DATE <u>08/27/98</u> 19__</p> <p>BY <u>[Signature]</u></p> <p>PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. <u>98-0515.03</u></p>	<p>Sheffield Plastics, Inc. 119 Salisbury Road Sheffield, MA 01257 Dade Test Results Table# 1 Issued July 23, 1998</p> <p>R. G. Miller, Mech. Engr., FL0023335</p> <p><u>[Signature]</u> 7-24-98</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

By [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE