



**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**

NOTICE OF ACCEPTANCE (NOA)

**Plaskolite, Inc.
1770 Joyce Avenue.
Columbus, OH 43219**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: OPTIX Acrylic Plastic Sheets

APPROVAL DOCUMENT: Drawing No.MD-1, Sheets 1 of 1, titled "OPTIX Acrylic Plastic Sheet. Information Sheet/Approval Document" dated 05/31/00, prepared by Plaskolite Inc, signed and sealed by D. K. Tucker, 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

LABELING: Plastic sheets under this Product Approval shall be permanently marked in a corner of the sheet with: the manufacturer's name or logo, city, state and the following statement "Miami-Dade County Product Control Approved or the initials MDCPCA.

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 # 00-0508.14 and consists of this page 1, Evidence page and approval document mentioned above. The submitted documentation was reviewed by **Candido F. Font PE.**


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**NOA No: 03-0520.05
Expiration Date: June 26 2004
Approval Date: October 2, 2003
Page 1**

Plaskolite, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWING:

1. Drawing No.MD-1, sheet 1 of 1, prepared by Plaskolite, Inc., dated 05/31/00, with no revisions, signed and sealed by D. K. Tucker, PE.

B TEST REPORTS:

	Laboratory Report	Test	Date	Signature
1.	ETL J960002050-001	ASTM D 1929	01/02/97	D. K. Tucker, PE
2.	ARL 28970	ASTM D 683 & 790	02/02/93	C. H. Hamon, PE
3.	USTC Inc. 092699-6	ASTM D 635	11/11/98	D. H. Mangnall, PE.
4.	ETL J97005679	ASTM D2843	04/04/97	D. K. Tucker, PE.
5.	USTC Inc. 092699-4	ASTM E84	11/11/88	D. H. Mangnall, PE.

C CALCULATIONS:

N/A

D MATERIAL CERTIFICATION:

N/A

E STATEMENTS:

1. No change letter issued by Plaskolite, Inc. on 04/14/00, signed by D. T. Chan, PH.D.
2. One year Extension Request issued by Plaskolite, Inc on 09/02/03 and signed by T. W. Ling PE.
3. Estimated date of test completion issued by ETC Laboratories on 08/27/03 and signed by D. Kehrl.



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Candido F. Font PE.
Sr. Product Control Examiner
NOA No 03-0520.05
Expiration Date: June 26, 2004
Approval Date: October 02, 2003

OPTIX® by PLASKOLITE, INC.

DESCRIPTION:

Acrylic plastic sheets meeting the requirement of Section 3505 of the South Florida Building Code. The acrylic is manufactured by Plaskolite, Inc. under the name of 'Optix' available in crystal clear, bronze, gray and white in thickness ranging from 0.060" to 0.375".

Material Characteristics

Designation	Test	Properties
Flash Ignition Temperature	ASTM-D1929	689 °F
Self Ignition Temperature	ASTM-D1929	833 °F
Flame Spread Index	ASTM-E84	145 < 75
Smoke Develop Index	ASTM-E84	310 < 450
Burning Time	ASTM-D635	140 sec (ATB)
Extent of Burning	ASTM-D635	75 (AEB)
Tensile Strength	ASTM-D638	

Before Weathering		After Weathering	
1/8"	1/4"	1/8"	1/4"
psi	psi	psi	psi
11666	10847	11392	10702
16337	20692	17931	20580

Flexural Strength	ASTM-D790
Smoke Density Rate (%)	ASTM-D2843

0.36

USE:

Optix acrylic sheets may be used as component for the fabrication of specific product as permitted under Section 3505 of the South Florida Building Code where a Notice of Acceptance has been Issued by Dade County Product Control Section. End use testing will be required to determine the suitability of the acrylic sheets for each specific application.

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No. **03-0520.05**
 Expiration Date **6/28/04**

By 
 Miami Dade Product Control
 Division

<p>APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE July 13, 2000 BY  PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 00-0503.1A</p>	PLASKOLITE, INC., 1770 Joyce Avenue, P.O. Box 1497 Columbus, OH 43216-1497			
	OPTIX Acrylic Plastic Sheet Information Sheet/Approval Document			
	DRAWING NUMBER MD-1	SHEET NUMBER 1	DRAWING DATE May 31, 2000	REVISION DATE
	 Signed: Douglas K. Tucker, P.E., Mechanical Engineer Florida Registration Number: 47320			6/5/00 Date: