



**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)

**E.I. Dupont DeNemours & Co, Inc.
8480 Dupont Road.
Washington, West Virginia 26181**

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: DuPont Sentryglas Type 457

APPROVAL DOCUMENT: Drawing No 203.1, Sheets 1 of 1, titled "Dupont SentryGlas Type 457" dated 08/03/04 with no revision, prepared by E. I. Dupont DeNemours & Co, Inc, signed and sealed by A. Kozich, 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: Laminated 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 # 00-0503.02 and consists of this page, evidence page and approval document mentioned above. The submitted documentation was reviewed by **Candido F. Font PE.**

[Handwritten signature]
01/13/05



**NOA No: 04-0818.01
Expiration Date: January 13, 2010
Approval Date: January 13, 2005
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWING:

1 Drawing prepared by E.I. Dupont DeNemours & Co., Inc., titled Dupont SentryGlass* Type 457, Drawing No.203.1, sheet 1 of 1, dated 08/03/04 with no revisions signed and sealed by A. Kozich PE.

B TEST REPORTS:

	Report No.	Test	Date	Signature
1	ETL 567925	ASTM D1929	08/26/96	D. K. Tucker, P.E.
2	ETL 567854	ASTM D635	08/26/96	D. K. Tucker, P.E.
3	ETL 567850	ASTM E84	08/26/96	D. K. Tucker, P.E.
4	ETL 567852	ASTM D635	08/26/96	D. K. Tucker, P.E.
5	ETL 567923	ASTM D1929	08/26/96	D. K. Tucker, P.E.
6	SGS 509620-R	ASTM G26	01/30/97	D. H. Mangnall, P.E.
7	SGS 120046-R	ASTM D638	01/31/97	D. H. Mangnall, P.E.

C CALCULATIONS: N/A

D QUALITY assurance:

1 Miami Building Code Compliance Office.

E OTHER DOCUMENTS:

1 Code Compliance letter issued by A. A. Kozich & Associates, Inc., on 08/16/04, signed and sealed by A. A. Kozich, P.E.

2 No Financial Interest letter issued by C. A. Anthony employed by E.I. Dupont DeNemours & Co., Inc., on 08/11/04 and notarized by J. L. Fabian.

3 Non-financial interest letter issued by A. A. Kozich & Associates, Inc., on 08/18/04, signed and sealed by A. A. Kozich, PE.

4 No change letter issued by E.I. Dupont DeNemours & Co., Inc., on 08/11/04, signed by C. A. Smith Ph.D.



01/13/05

Candido F. Font PE.

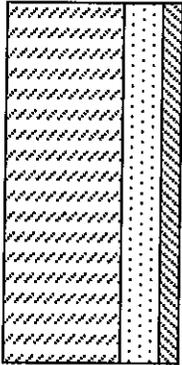
Sr. Product Control Examiner

NOA No 04-0818.01

Expiration Date: January 13, 2010

Approval Date: January 13, 2005

DUPONT SENTRYGLAS® TYPE 457



A B C
Section

PRODUCT DESCRIPTION

MANUFACTURED BY: E.I. DUPONT DE NEMOURS & CO., INC.
 A PLASTIC COMPOSITE MATERIAL (B & C) WHICH IS FACTORY LAMINATED TO GLASS (GLASS IS EXTERIOR) COMBINING AN INNER LAYER OF DUPONT PVB AND A LAYER OF ABRASION-RESISTANT CLEAR POLYESTER.
 A TYPICAL GLAZING IS MADE OF THE FOLLOWING COMPONENTS, (MINIMUM THICKNESS INDICATED - MULTIPLE PLYS OF COMPOSITE LAYERS CAN BE USED AS NECESSARY):

A	-	3/32" (2.3 mm)	Annealed Glass (or HS/T)
B	-	0.045" (1.1 mm)	DuPont Butacite® PVB
C	-	0.007" (0.18 mm)	DuPont Abrasion-resistant Polyester

MATERIAL CHARACTERISTICS

SentryGlas 457 Glass/Plastic Composite Material

Designation	Test	Properties
Self Ignition Temperature	ASTM D1929	671 F
Flash Ignition Temperature	ASTM D1929	698 F
Flame Spread Index	ASTM E84	95
Smoke Developed Index	ASTM E84	165
Average Burning Rate	ASTM D635	0.75 in/sec
Average Extent of Burning	ASTM D635	2.95 inches
Average Time of Burning	ASTM D635	3.93 min.

Butacite® Polyvinyl Butryal

Designation	Test	Properties
Flash Ignition Temperature	ASTM D1929	698 F.
Self Ignition Temperature	ASTM D1929	716 F
Average Extent of Burning	ASTM D635	0.57 in.
Average Time of Burning	ASTM D635	0.86 min.
Ultimate Tensile Strength	ASTM D638	Weathering*
*WEATHERING PER SECTION 2605.2 OF THE FLORIDA BUILDING CODE		Before
		After
		30,200 psi
		29,900 psi

THIS IS A COMPONENT APPROVAL AND DOES NOT INCLUDE AN EVALUATION OF STRUCTURAL PERFORMANCE OF THIS COMPONENT. SYSTEMS INCORPORATING THIS COMPONENT SHALL APPLY FOR A PRODUCT APPROVAL TO THIS OFFICE AND SHALL SUBMIT REPORTS AND OTHER REQUIRED DOCUMENTS SHOWING THAT THE SYSTEM USING THIS COMPONENT WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE FLORIDA BUILDING CODE (2001).

PRODUCT REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. 04-0818-01
 Expiration Date 01/13/10
 By [Signature]
 Miami Dade Product Control
 Division

 DEC 1 0 2004	DuPont SentryGlas® Type 457 E.I. DuPont de Nemours & Co., Inc. 8480 DuPont Road Washington, West Virginia 26181 Phone: 304-863-2182 Dwg. # 203.1 Sheet 1 of 1 Drawing Date: 8/03/04 Allan A. Kozich, PE Registration # 16864
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RECEIVED

MIA DDC 11 PM 1:24
 DIVISION OF BUILDING PERMITS