



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
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CONTRACTOR LICENSING SECTION
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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

Atofina Chemicals, Inc.
128 Old Brickyard Lane
Kensington ,CT 06037

Your application for Notice of Acceptance (NOA) of:

Tuffak XL Coated & Uncoated 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.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 00-1220.03

EXPIRES: 01/13/2006

**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: 04/26/2001



NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1.0 SCOPE:

1.1 This renews and revises the Notice of Acceptance No. 99-0920.02 that was issued on 12/24/99. It approves a polycarbonate plastic as described in Section 2 of this Notice of Acceptance, 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 **Tuffak XL polycarbonate sheets** shall comply with the properties of the following document: Drawing No. Sheet 1 of 1, prepared by Elf Atochem North America, Inc., dated 03/07/01. It bears the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawing.

3.0 LIMITATIONS:

3.1 This approval does not include an evaluation of structural performance of this component. Test reports and other required documents shall be submitted to Dade County Product Control; showing that the systems using this polycarbonate sheets will resist the loads according to Chapter 23 of the S.F.B.C., in order to issue an specific product approval for the system.

4.0 INSTALLATION:

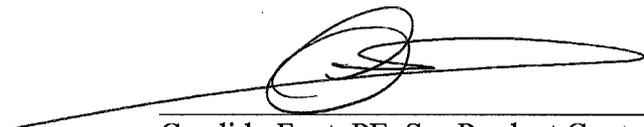
4.1 The Tuffak XL polycarbonate sheets shall be fabricated and applied in strict compliance with the manufacturer's instructions, the approved drawing and the applicable Section of the South Florida Building Code.

5.0 LABELING:

5.1 Each sheet shall bear a permanent label in the corner of the glazing with "DCA" standing for "Dade County Approved". The fabricator producing the polycarbonate sheets shall apply this logo.

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 (NOA) and the (NOA) of the system using this component.
 - 6.1.2 Duplicate copies of the approved drawings as identified on section 2 of the NOAs.
 - 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
 - 6.1.4


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

Atofina Chemical, Inc.

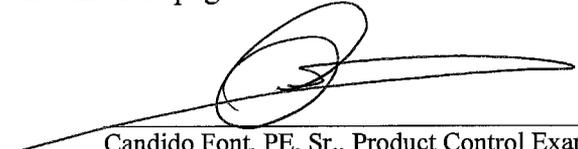
ACCEPTANCE NO: 00-1220.03

APPROVED: APR 26 2001

EXPIRES: 01/13/2006

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

Atofina Chemical, Inc.

ACCEPTANCE NO: 00-1220.03

APPROVED: APR 26 2001

EXPIRES: 01/13/2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File Only. Not Part of NOA.)

A DRAWING:

1. Drawing No.sheet 1 of 1, prepared by Elf Atochem North America, Inc., dated 03/07/01.

B TEST REPORTS:

Laboratory Report	Test	Date	Signature
1. ETC 97-231-3961.0	ASTM D 635	08/18/97	J. L. Doldan, PE
2. ETC 97-231-3961.0	ASTM D1929	08/18/97	J. L. Doldan, PE.
3. ETC 97-213-3961.0	ASTM D2843	08/18/97	J. L. Doldan, PE.
4. USTC Inc. 110778-1	ASTM D1929	04/11/94	D. H. Mangnall PE.
5. USTC Inc. 110778-2	ASTM D 635	04/11/94	D. H. Mangnall PE.
6. USTC Inc. 110778-3	ASTM D2843	04/11/94	D. H. Mangnall PE.
7. MTS 257238-A	ASTM D 638	04/07/95	J. M. Bridenstine
8. SFTS RX-315-X1677	ASTM G26	06/16/94	D. J. Dietz

C CALCULATIONS:

N/A

D MATERIAL CERTIFICATION:

N/A

E STATEMENTS:

1. Letter of Test Compliance issued by ETC Laboratories on 09/04/97, signed and sealed by J. L. Doldan PE.
2. Certificate of Ownership and Merger merging Atohaas Americas, Inc. into Elf Atochem North America, Inch, certified by the Secretary of the State of Delaware on 12/13/98.
3. Renewal and no-change letter issued by Atofina on 12/07/00, signed by E. E. grimes.


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

EI

TUFFAK® XL

Product Description: #00-1220.03

Tuffak® XL Weatherable Polycarbonate Sheet is available in 4'x 8', 5'x 8', 6'x8' sheets and also available in reels. The available thickness ranges from 0.093" to 0.460". Tuffak® XL is available with and without an abrasion resistant coating. It is available in transparent and translucent colors.

Material Characteristics:

Designation	Test	Properties	
		Uncoated	Coated
Average Time of Burning	ASTM D-635	45 seconds	21.3 seconds
Average Extent of Burning	ASTM D-635	0.4 in	1.01 in
Self Ignition Temperature	ASTM D-1929	1050°F	980°F
Smoke Density Rating	ASTM D-2843	69.3%	33.3%
Tensile Strength	ASTM D-638		
	Before Weathering	9241 psi	
	After Weathering*	9332 psi	

*Weathering per Section 3505 of the South Florida Building Code

Sheet 1 of 1 Dated 03/07/01

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE **APR 26 2001**
BY 
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-1220.03



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