



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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buldingcode

Trosifol North America Ltd.
160 Bixby Road
Erin, NY 14838

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: Trosifol XT L 0,76 PVB Interlayer

APPROVAL DOCUMENT: Drawing No. **XTL-0,76**, titled "Trosifol® XT L 0,76", sheet 1 of 1, dated 06/08/09, prepared by PTC, LLC, signed and sealed by Paul E. Winter, P.E., bearing 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.

MISSILE IMPACT RATING: None.

LABELING: Laminated lites under this Product Approval shall be permanently marked in a corner of the glass with: Trosifol XT L 0,76, b) Laminator's identification mark, c) Glass standard specifications and d) MDCA, standing for "Miami-Dade County Approved, This marks shall be applied by the laminator producing the laminated glass.

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 consists of this page, evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Signature]
6/18/09

NOA No: 09-0323.16
Expiration Date: July 08, 2014
Approval Date: July 08, 2009
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWING

1. Drawing No. **XTL-0,76**, titled "Trosifol® XT L 0,76", sheet 1 of 1, dated 06/08/09, prepared by PTC, LLC, signed and sealed by Paul E. Winter, P.E.

B. TEST REPORTS

	<u>Laboratory Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1.	ETC-08-1023-20267.1	ASTM D 635	09/11/08	Joseph L. Doldan, P.E.
2.	ETC-08-1023-20267.1	ASTM D1929	09/11/08	Joseph L. Doldan, P.E.
3.	ETC-08-1023-20267.1	ASTM D 2843	09/11/08	Joseph L. Doldan, P.E.
4.	ETC-08-1023-20267.1	ASTM C 158	09/11/08	Joseph L. Doldan, P.E.
5.	ETC-08-1023-20267.1	ASTM C 158	09/11/08	Joseph L. Doldan, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

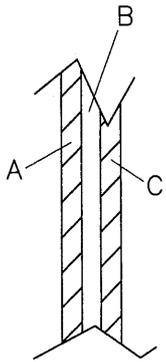
F. STATEMENTS

1. Approval request letter issued by Trosifol North America Ltd., dated 02/23/09, signed by Werner Heppner.



6/18/09

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No 09-0323.16
Expiration Date: July 08, 2014
Approval Date: July 08, 2009



TROSIFOL® XT L 0,76
PRODUCT DESCRIPTION

MANUFACTURED BY: TROSIFOL NORTH AMERICA, LTD
 DESCRIPTION: XT L 0,76 IS A LAMINATE FILM MADE OF POLY VINYL BUTRYAL (PVB) FOR LAMINATION BETWEEN A MINIMUM OF TWO PIECES OF GLASS. A TYPICAL GLAZING IS MADE OF THE FOLLOWING COMPONENTS. (MINIMUM THICKNESS INDICATED—THICKER LAYERS OF XT L 0,76 CAN BE USED AS NECESSARY)

SECTION

A	0.105 IN. (2.667 mm) ANNEALED GLASS
B	0.100 IN. (2.533 mm) XT L 0,76 INTERLAYER
C	0.105 IN. (2.667 mm) ANNEALED GLASS

Approved as complying with the
 Florida Building Code
 Date 07/08/2009
 NOA# 09-0323.16
 Miami Dade Product Control
 Division
 By *[Signature]*

No.	Test Description	Test Method	Test Result	Dade County Criteria
1.	Test for Smoke Density	ASTM D2843	7.5%	Passed (<75%)
2.	Test for Rate of Burning	ASTM D635	*see footnote	Passed (C-1:<1.0 in/min)
2.1.	Average Time of Burning	ASTM D635	*see footnote	--
2.2.	Average Extent of Burning	ASTM D635	*see footnote	--
3.	Test for Self Ignition Temperature	ASTM D1929	780 F	Passed (>650 °F)
4.	Tensile Strength of Unexposed Samples	ASTM C158	355.96 psi	--
4.1.	Tensile Strength of 4500-hour Xenon Arc Exposed Samples	ASTM C158	354.59 psi	--
4.2.	Percent Difference between No. 4 and No 4.1	--	0.4%	Passed (<+/-10.0%)

* FLAME DID NOT REACH 25MM REFERENCE MARK

GENERAL NOTES:

- 1.) SPECIMEN: LAMINATED GLASS WITH XT L 0,76 INTERLAYER
- 2.) WEATHERING PER SECTION 2612.2 OF THE 2007 FLORIDA BUILDING CODE
- 3.) TROSIFOL XT L 0,76 INTERLAYER BY ITSELF DOES NOT COMPLY WITH THE FLORIDA BUILDING CODE
- 4.) 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 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 16 OF THE F.B.C. A LIST OF AUTHORIZED LAMINATORS SHALL BE FILED WITH DADE COUNTY BY TROSIFOL NORTH AMERICA, LTD.

REV	DATE	DESCRIPTION

Project # 309-0520 <i>[Signature]</i> 8/9/09 Paul E. Winter Florida P.E. No. 22693	TROSIFOL® XT L 0,76 TROSIFOL NORTH AMERICA, LTD. A PART OF KURARAY EUROPE GMBH 160 BIXBY ROAD ERIN, NY 14838 PHONE: 607-796-9842 FAX: 607-739-4740	PREPARED BY: PTC PTC, LLC 1535 N. Cogswell Street, Suite C25 Rockledge, Florida 32955 FBPE Certificate of Authorization No. 25935	
TROSIFOL XT L 0,76 INTERLAYER FOR LAMINATE GLASS		Phone 321.690.1788 Fax 321.690.1789 www.ptc-corp.com	
DATE: 06/08/09	DRAWN BY: PW	PAGE 1 OF 1	DRAWING #: XTL-0,76