



MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/building

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Kuraray America, Inc.
3700 Bay Area Blvd., Ste. 680
Houston, TX 77058

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section 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® Extra Stiff (ES) PVB Glass Interlayer

APPROVAL DOCUMENT: Drawing No. **G17-01**, titled “Kuraray Trosifol® ES PVB Interlayer”, sheet 1 of 1, dated 10/24/17, with revision A dated 08/24/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., 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 Section.

MISSILE IMPACT RATING: None

LABELING: Laminated lites under this Product Approval shall be permanently marked in a corner of the glass with: a) **Trosifol® ES PVB**, b) Laminator’s identification mark and c) MDCA, standing for “Miami-Dade County Approved, This marks shall be applied by the laminator producing the laminated glass. The laminate’s or interlayer’s packaging is to identify the manufacturer’s name or logo, manufacturing plant’s city and state, and the statement reading ‘Miami-Dade County Product Control Approved’.

RENEWAL of this NOA shall be considered a fter 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 a fter 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 a ny product, for sales, a dvertising or any other purposes shall a utomatically terminate this NOA. Fa ilure to comply with a ny section of this NOA shall be cause for termination and removal of NOA.

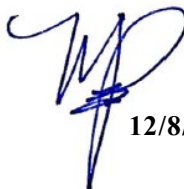
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in a dvertising litera ture. If a ny portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be a vailable for inspection at the job site at the request of the Building Official.

This NOA **renews NOA No. 20-0915.21** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




 12/8/22

NOA No. 22-1116.03
Expiration Date: February 08, 2028
Approval Date: December 15, 2022
 Page 1

Kuraray America, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Drawing No. **G17-01**, titled "Kuraray Trosifol® ES PVB Interlayer", sheet 1 of 1, dated 10/24/17, with revision A dated 08/24/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-0915.21)

B. TESTS

	<u>Test Report</u>	<u>Test Standard</u>	<u>Date</u>	<u>Signature</u>
1.	G2906.03-106-18	ASTM D1929-12	09/18/17	Gary T. Hartman, P.E.
2.	G2906.03-106-18	ASTM D 635-10	09/18/17	Gary T. Hartman, P.E.
3.	G2906.03-106-18	ASTM D 2843-10	09/18/17	Gary T. Hartman, P.E.
4.	G2906.03-106-18	ASTM G 155-05a	09/18/17	Gary T. Hartman, P.E.
5.	G2906.03-106-18	ASTM C 158-02	09/18/17	Gary T. Hartman, P.E.

(Submitted under NOA No. 17-1114.13)

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS


1. None.

F. STATEMENTS

1. Statement letter of code conformance to the **FBC 6th Edition (2017)** and **7th Edition (2020)** and of no financial interest issued by Al-Farooq Corporation, dated 09/01/20, signed and sealed by Jalal Farooq, P.E.
(Submitted under NOA No. 20-0915.21)

G. OTHERS

1. Notice of Acceptance No. **17-1114.13** issued to **Kuraray America, Inc.** for their "**Trosifol® Extra Stiff (ES) PVB Glass Interlayer**" dated 02/08/18, expiring on 02/08/23.



Manuel Pérez, P.E.
Product Control Examiner
NOA No. 22-1116.03
Expiration Date: February 08, 2028
Approval Date: December 15, 2022

Kuraray America, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS


1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and of no financial interest, dated November 10, 2022, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

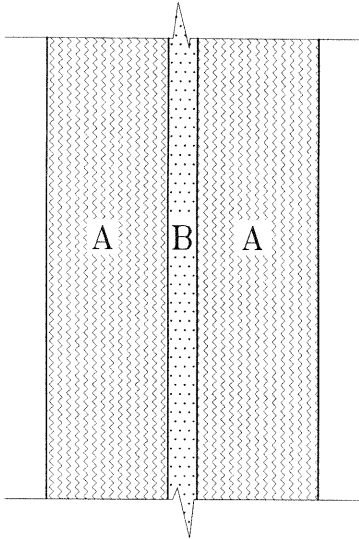
G. OTHERS

1. Notice of Acceptance No. **20-0915.21** issued to **Kuraray America, Inc.** for their "**Trosifol® Extra Stiff (ES) PVB Glass Interlayer**" dated 11/19/20, expiring on 02/08/23.



Manuel Pérez, P.E.
Product Control Examiner
NOA No. 22-1116.03
Expiration Date: February 08, 2028
Approval Date: December 15, 2022

Kuraray Trosifol[®] ES PVB Glass Interlayers



PRODUCT DESCRIPTION:

MANUFACTURED BY: KURARAY AMERICA INC., PVB DIVISION
A PLASTIC INTERLAYER MATERIAL FOR LAMINATION WITH GLASS ON BOTH SIDES.

A TYPICAL GLAZING IS MADE OF THE FOLLOWING COMPONENTS:

A – MIN. 1/8" (3.0 mm) ANNEALED GLASS
B – MIN. .030 (.76 mm) KURARAY TROSIFOL [®] ES PVB INTERLAYERS
A – MIN. 1/8" (3.0 mm) ANNEALED GLASS

MATERIAL PROPERTIES SUMMARY

Kuraray Trosifol[®] ES PVB Glass Interlayers

TEST DESCRIPTION	TEST METHOD	TEST RESULT RANGE	FBC CRITERIA
SELF/FLASH IGNITION (F)	ASTM D1929	788/788	>650
SMOKE DENSITY	ASTM 2843	5.8	<75
BURN RATE (INCHES PER MINUTE)	ASTM D635	0 ¹	<2.5
XENON WEATHERING ²	ASTM C158	2.2% ³	±10%

1. Flame did not reach reference mark.
2. Weathering as per the Florida Building Code.
3. Percent difference between control and weathered specimens as per FBC 2614.

PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. **22-1116.03**
Expiration Date: **02/08/2028**

By: Manuel Perez
Miami-Dade Product Control

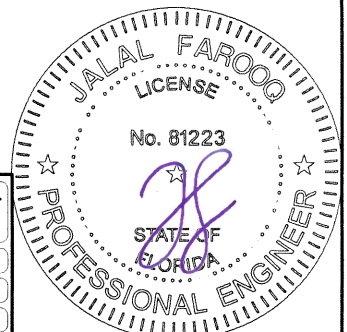
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0915.21
Expiration Date 02/08/2023

By: [Signature]
Miami-Dade Product Control

Note:

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 NOA TO THE MIAMI-DADE COUNTY PRODUCT CONTROL SECTION AND SHALL SUBMIT TEST REPORTS AND OTHER REQUIRED DOCUMENTS SHOWING THAT THE SYSTEM USING THIS COMPONENT WILL RESIST THE LOADS ACCORDING TO CHAPTER 16 OF THE FLORIDA BLDG. CODE.

Sealed: 9/11/20



a f c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

Kuraray Trosifol[®] ES PVB Interlayers
Kuraray America, Inc. PVB Division
2200 Concord Pike, Suite 1100
Wilmington, DE. 19803
TEL. (334) 279-4855 FAX.

revisions:			drawing no.
no	date	description	G17-01
A	8.24.20	UPDATED TO 2020 FBC	
			date: 10-24-17
			scale: -
			sheet 1 of 1