



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

NOTICE OF ACCEPTANCE (NOA)

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/economy

Kuraray America, Inc.
2200 Concord Pike, Suite 1100
Wilmington, DE 19803

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® Spallshield cPET Glass Interlayer

APPROVAL DOCUMENT: Drawing No. **G20-01 Rev A**, titled “Trosifol® Spallshield cPET Interlayer”, sheet 1 of 1, dated 04/22/2020 and last revised on JUL 01, 2023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E., bearing the Miami-Dade County Product Control revision 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® Spallshield cPET, 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 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 **revises NOA # 20-0730.03** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

NOA No. 23-0717.27
Expiration Date: October 1, 2025
Approval Date:
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 10-0819.04

A. DRAWINGS

1. Drawing No. **203.1**, titled “DuPont Spallshield® Interlayer”, Sheet 1 of 1, dated 08/03/10, prepared by E. I. DuPont De Nemours & Co., Inc, signed and sealed by Allan A. Kozich, P.E.

B. TESTS

| | <u>Test report</u> | <u>Standard</u> | <u>Date</u> | <u>Signature</u> |
|----|---------------------------|------------------------|--------------------|-------------------------|
| 1. | 96177.01-106-18 | ASTM G155-05 | 07/28/10 | Joseph A. Reed, P.E. |
| 2. | 96177.01-106-18 | ASTM C158-02 | 07/28/10 | Joseph A. Reed, P.E. |
| 3. | 96177.01-106-18 | ASTM D1929-96 | 07/28/10 | Joseph A. Reed, P.E. |
| 4. | 96177.01-106-18 | ASTM D2843-99 | 07/28/10 | Joseph A. Reed, P.E. |
| 5. | 96177.01-106-18 | ASTM D635-06 | 07/28/10 | Joseph A. Reed, P.E. |

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Code compliance letter issued by Architectural Testing, Inc, dated 07/28/2010, signed and sealed by Joseph A. Reed, P.E.

Ishaq I. Chanda, P.E.
Product Control Unit supervisor
NOA No. 23-0717.27
Expiration Date: October 1, 2025
Approval Date:

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **G20-01**, titled “Trosifol® Spallshield cPET Interlayer”, sheet 1 of 1, dated 04/22/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 07/28/2020.

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 code conformance to the 6th edition (2017) and 7th edition (2020) of the FBC and of no financial interest issued by Al-Farooq Corporation, dated 07/20/2020, signed and sealed by Jalal Farooq, P.E.
2. Letter stating that all of the assets from Spallshield and Butacite used for the tests which were the basis for obtaining the NOA, have been sold to Kuraray, and DuPont no longer manufactures those two product lines and the NOA # **10-0819.04** and NOA # **13-0129.27** be rescinded and releases its rights to Kuraray, dated 08/05/2014 and signed by Kurt Adams.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0717.27
Expiration Date: October 1, 2025
Approval Date:

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS

1. Drawing No. **G20-01 Rev A**, titled “Trosifol® Spallshield cPET Interlayer”, sheet 1 of 1, dated 04/22/2020 and last revised on JUL 01, 2023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

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 (notes: item #2 & #3 submitted under previous approval)

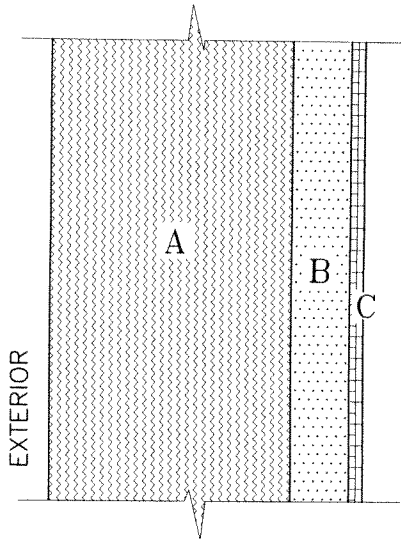
1. Statement letter of code conformance to the 8th edition (2023) FBC, issued by Al-Farooq Corporation, dated 07/14/2023, signed and sealed by Jalal Farooq, P.E.
2. Statement letter of code conformance to the 6th edition (2017) and 7th edition (2020) of the FBC and of no financial interest issued by Al-Farooq Corporation, dated 07/20/2020, signed and sealed by Jalal Farooq, P.E.
3. Letter stating that all of the assets from Spallshield and Butacite used for the tests which were the basis for obtaining the NOA, have been sold to Kuraray, and DuPont no longer manufactures those two product lines and the NOA # **10-0819.04** and NOA # **13-0129.27** be rescinded and releases its rights to Kuraray, dated 08/05/2014 and signed by Kurt Adams.

G. OTHER

1. This NOA revises NOA # **20-0730.03** updates FBC 2023, expiring 10/01/25.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0717.27
Expiration Date: October 1, 2025
Approval Date:

Trosifol[®] Spallshield cPET Interlayer



PRODUCT DESCRIPTION:

MANUFACTURED BY: KURARAY AMERICA INC., PVB DIVISION
 A PLASTIC INTERLAYER MATERIAL (B & C) WHICH IS FACTORY LAMINATED TO GLASS COMBINING AN INNER LAYER OF KURARAY TROSIFOL PVB AND A LAYER OF ABRASION-RESISTANT CLEAR POLYESTER.

A TYPICAL GLAZING IS MADE OF THE FOLLOWING COMPONENTS:

| |
|--|
| A – Min. 1/8" (3.18 mm) Ann./H.S./Temp. Glass |
| B – Min. .030" (.76 mm) Kuraray Trosifol [®] PVB Interlayer |
| C – Min. .007" (.18 mm) Kuraray Abrasion-Resistant Polyester |

MULTIPLE PLIES OF COMPOSITE LAYERS CAN BE USED AS NECESSARY.

MATERIAL PROPERTIES

Trosifol[®] Spallshield cPET Interlayer

| TEST DESCRIPTION | TEST METHOD | TEST RESULTS | |
|---|--------------------|--------------------------|--------------|
| FLASH IGNITION TEMP. [1] | ASTM D1929 | 662°F | |
| SELF IGNITION TEMP. [1] | ASTM D1929 | 680°F | |
| AVERAGE SMOKE DENSITY RATING [1] | ASTM 2843 | 5.1 | |
| AVERAGE LINEAR BURNING RATE [1] | ASTM D635 | 0.717 IN/MIN., CLASS CC2 | |
| XENON WEATHERING AS PER THE FLORIDA BUILDING CODE | ASTM C158 METHOD A | BEFORE | AFTER |
| | | 3537 PSI [2] | 3449 PSI [2] |
| | | AVERAGE CHANGE: -2.5% | |
| XENON WEATHERING AS PER THE FLORIDA BUILDING CODE | ASTM C158 METHOD A | BEFORE | AFTER |
| | | 2953 PSI [3] | 2905 PSI [3] |
| | | AVERAGE CHANGE: -1.6% | |

- [1] .06" (1.52mm) Thk. Clear Kuraray Trosifol[®] Interlayer
- [2] .015" (.38mm) Thk. Clear Kuraray Trosifol[®] Interlayer
- [3] .03" (.76mm) Thk. Clear Kuraray Trosifol[®] Interlayer

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.

JUL 1 2023

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

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

| revisions: | | |
|------------|---------|---------------------|
| no | date | description |
| A | 7.10.23 | UPDATED TO 2023 FBC |

drawing no. **G20-01**
 date: 04-22-20
 scale: -
 sheet 1 of 1

