



**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
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**DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION**

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

**Kuraray America, Inc.
2625 Bay Area Blvd., Suite 600
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: SentryGlas® (Clear and White) Glass Interlayers

APPROVAL DOCUMENT: Drawing No. **G15-02**, titled “Kuraray SentryGlas® Interlayer”, sheet 1 of 1, dated 05/13/2015, with revision A dated 07/06/2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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: “MDCA- SentryGlas®”, standing for “Miami-Dade County Approved – SentryGlas®”, and the laminator’s identification mark. These marks shall be applied by the individual laminator producing the finished laminated glass product containing the White SentryGlas® interlayer. 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 **renews and revises NOA # 14-0916.11** 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 **Carlos M. Utrera, P.E.**



Handwritten signature and date: 12/21/2017

**NOA No. 17-0808.02
Expiration Date: July 4, 2023
Approval Date: December 28, 2017
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOA's

A. DRAWINGS "Submitted under NOA #14-0916.11"

1. Drawing No. G15-02, titled "Kuraray SentryGlas® Interlayer", sheet 1 of 1, dated 05/13/2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS "Submitted under NOA # 10-0413.04 (Clear SentryGlas® Interlayer)"

	<u>Test report</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	96177.02-106-18	ASTM D 635	02/22/10	Joseph A. Reed, P.E.
2.	96177.02-106-18	ASTM D1929	02/22/10	Joseph A. Reed, P.E.
3.	96177.02-106-18	ASTM D2843	02/22/10	Joseph A. Reed, P.E.

"Submitted under NOA # 07-1116.04 (Clear SentryGlas® Interlayer)"

1.	3136116SAT-001	ASTM D 635	10/25/07	Chris Bowness, P.E.
2.	3111755SAT-002	ASTM D1929	01/02/07	Chris Bowness, P.E.
3.	3111755SAT-001	ASTM E 84	12/19/06	Chris Bowness, P.E.
4.	PRI06246	ASTM G 26	06/26/07	Duc T. Nguyen, P.E.
5.	PRI06246	ASTM D 790	06/26/07	Duc T. Nguyen, P.E.

"Submitted under NOA # 13-0328.09 (White SentryGlas® Interlayer)"

1.	B7882.01-106-18	ASTM D1929	02/26/13	Gary T. Hartman, P.E.
2.	B7882.01-106-18	ASTM D 635	02/26/13	Gary T. Hartman, P.E.
3.	B7882.01-106-18	ASTM D 2843	02/26/13	Gary T. Hartman, P.E.
4.	B7882.01-106-18	ASTM G 155	02/26/13	Gary T. Hartman, P.E.
5.	B7882.01-106-18	ASTM C 158	02/26/13	Gary T. Hartman, P.E.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS "Submitted under NOA #14-0916.11"

1. Statement letter of code conformance to 2010 and the 5th edition (2014) FBC issued by Al-Farooq Corporation, dated 06/16/2015, signed and sealed by Javad Ahmad, P.E.
2. Purchase agreement between E.I. DuPont De Nemours and Co. and Kuraray Co., LTD., dated May 22, 2014.


12/21/2017

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 17-0808.02
Expiration Date: July 4, 2023
Approval Date: December 28, 2017

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New evidence submitted

A. DRAWINGS

1. Drawing No. **G15-02**, titled "Kuraray SentryGlas® Interlayer", sheet 1 of 1, dated 05/13/2015, with revision A dated 07/06/2017, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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.

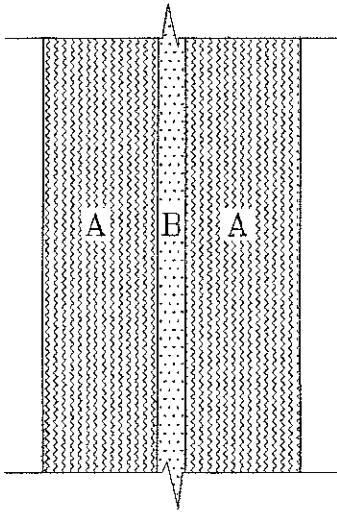
F. STATEMENTS

1. Statement letter of code conformance to the 6th Edition (2017) FBC and of no financial interest issued by Al-Farooq Corporation, dated 07/06/2017, signed and sealed by Javad Ahmad, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 17-0808.02
Expiration Date: July 4, 2023
Approval Date: December 28, 2017

Kuraray SentryGlas® Interlayer



PRODUCT DESCRIPTION:

MANUFACTURED BY: Kuraray America Inc.
 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 SENTRYGLAS® INTERLAYER
A – MIN. 1/8" (3.0 mm) ANNEALED GLASS

MATERIAL PROPERTIES

SentryGlas® Interlayer (Clear and White)

TEST DESCRIPTION	TEST METHOD	TEST RESULTS
FLAME SPREAD INDEX [2]	ASTME84	35
SMOKE DEVELOPED INDEX [2]	ASTME84	250
RATE OF BURNING [3]	ASTM D635	0 IN/MIN., CLASS CC1
AVERAGE EXTENT OF BURNING [1]	ASTM D635	0 IN/MIN., CLASS CC1
AVERAGE EXTENT OF BURNING [2]	ASTM D635	0 IN/MIN., CLASS CC1
AVERAGE SMOKE DENSITY RATING [3]	ASTM 2843	5.9
FLASH IGNITION TEMP. [1]	ASTM D1929	788°F
FLASH IGNITION TEMP. [2]	ASTM D1929	752°F
SELF IGNITION TEMP. [1]	ASTM D1929	806°F
SELF IGNITION TEMP. [2]	ASTM D1929	770°F
AVERAGE MODULUS OF RUPTURE [1]	ASTM D790	WEATHERING
WEATHERING AS PER THE FLORIDA BUILDING CODE		BEFORE AFTER
		5415 PSI 5366 PSI
AVERAGE MODULUS OF RUPTURE [3]	ASTM C158-02	WEATHERING (ASTM G 155-05A)
		BEFORE AFTER
		4692 PSI 4752 PSI
		AVERAGE CHANGE: +1.7%

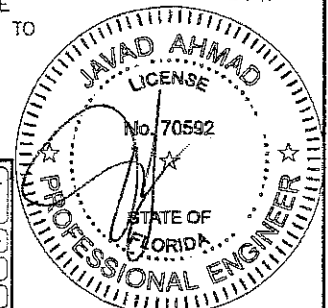
- [1] .030" (.76mm) Thk. Clear SentryGlas® Interlayer
- [2] .130" (3.3mm) Thk. Clear SentryGlas® Interlayer
- [3] .062" (1.6mm) Thk. White SentryGlas® Interlayer

PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **17-0808.02**
 Expiration Date **07/04/2023**
 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.

APR 03 2017



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 SentryGlas Interlayer Kuraray America, Inc. 2625 Bay Area Blvd., Suite 500 Houston, TX. 77058 TEL. (910)678-1547 FAX. (910)678-1273	revisions: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: 8px;">no</th> <th style="font-size: 8px;">date</th> <th style="font-size: 8px;">description</th> </tr> <tr> <td style="font-size: 8px;">A</td> <td style="font-size: 8px;">7.6.17</td> <td style="font-size: 8px;">UPDATED TO 2017 FBC</td> </tr> </table>	no	date	description	A	7.6.17	UPDATED TO 2017 FBC	drawing no. G15-02 date: 05-13-15 scale: - sheet 1 of 1
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A	7.6.17	UPDATED TO 2017 FBC								
GLAZING\G15-02										