



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.
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: Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer

APPROVAL DOCUMENT: Drawing No. **G18-01 Rev D**, titled "Kuraray SentryGlas® Xtra™ (SGX™) Glass Interlayer", sheet 1 of 1, dated 07/05/2018 and last revised on 07/01/2023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 03/19/2021, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and approval 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® Xtra™", standing for "Miami-Dade County Approved – SentryGlas® Xtra™", and the laminator's identification mark. These marks shall be applied by the individual laminator producing the finished laminated glass product containing the clear SentryGlas® Xtra™ 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 **revises & renews** NOA # **21-0324.06** 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.**

MIAMI-DADE COUNTY
APPROVED

Ishaq I. Chanda

NOA No. 23-0717.26
Expiration Date: May 23, 2029
Approval Date: August 24, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 18-0725.11

A. DRAWINGS

1. Drawing No. **G18-01**, titled “Kuraray SentryGlas® Xtra™ (SGX™) Glass Interlayer”, sheet 1 of 1, dated 07/05/2018, with revision B dated 04/02/2019, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

	<u>Test report</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	H4118.01-106-18 R1	ASTM G155	03/28/19	Gary T. Hartman, P.E.
2.	H4118.01-106-18 R1	ASTM C158	03/28/19	Gary T. Hartman, P.E.
3.	H4118.01-106-18 R1	ASTM D1929	03/28/19	Gary T. Hartman, P.E.
4.	H4118.01-106-18 R1	ASTM D2843	03/28/19	Gary T. Hartman, P.E.
5.	H4118.01-106-18 R1	ASTM D635	03/28/19	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

1. Statement letter of code conformance to the 6th edition (2017) of the FBC and of no financial interest issued by Al-Farooq Corporation, dated 07/10/2018, signed and sealed by Javad Ahmad, P.E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0717.26
Expiration Date: May 23, 2029
Approval Date: August 24, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approval

A. DRAWINGS

1. Drawing No. **G18-01**, titled “Kuraray SentryGlas® Xtra™ (SGX™) Glass Interlayer”, sheet 1 of 1, dated 07/05/2018, with revision C dated 08/24/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 03/19/2021.

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 7th edition (2020) of the FBC and of no financial interest issued by Al-Farooq Corporation, dated 03/18/2021, signed and sealed by Jalal Farooq, P.E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0717.26
Expiration Date: May 23, 2029
Approval Date: August 24, 2023

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS

1. Drawing No. **G18-01 Rev D**, titled “Kuraray SentryGlas® Xtra™ (SGX™) Glass Interlayer”, sheet 1 of 1, dated 07/05/2018 and last revised on 07/01/2023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 03/19/2021.

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 8th edition (2023) of the FBC and of no financial interest 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 7th edition (2020) of the FBC and of no financial interest issued by Al-Farooq Corporation, dated 03/18/2021, signed and sealed by Jalal Farooq, P.E.(under previous approval)

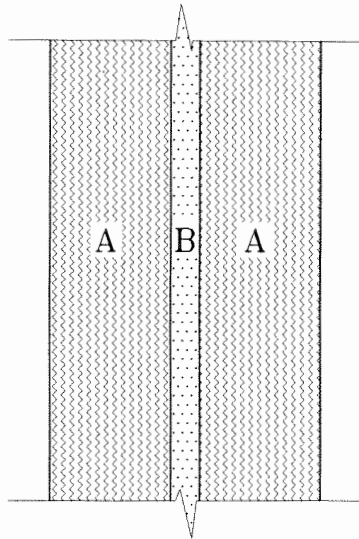
G. OTHER

1. This NOA **revises & renews NOA # 21-0324.06**, updates to FBC 2023, expiring, 5/23/2029.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 23-0717.26
Expiration Date: May 23, 2029
Approval Date: August 24, 2023

Kuraray SentryGlas[®] Xtra[™] (SGX[™]) Glass 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 [®] Xtra [™] (SGX [™]) Interlayer
A – Min. 1/8" (3.0 mm) Annealed Glass

MATERIAL PROPERTIES SUMMARY

Kuraray SentryGlas[®] Xtra[™] (SGX[™]) Glass Interlayer, Clear

TEST DESCRIPTION	TEST METHOD	TEST RESULT RANGE	FBC CRITERIA
SELF/FLASH IGNITION (F)	ASTM D1929	788/806	>650
SMOKE DENSITY	ASTM 2843	30.2	<75
BURN RATE (INCHES PER MINUTE)	ASTM D635	0 ¹	<2.5
XENON WEATHERING ²	ASTM C158	-6.6% 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 2615.

4. Product Code SG6000.

PRODUCT RENEWED

as complying with the Florida
Building Code

NOA-No. 23-0717.26

Expiration Date 05/23/2029

By Ishag I. Chande
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.

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

GLAZING\G18-01

Kuraray SentryGlas Xtra[™] (SGX[™]) Interlayer

Kuraray America, Inc.
2625 Bay Area Blvd., Suite 600
Houston, TX. 77058
TEL. (910)678-1647 FAX. (910)678-1273

revisions:

no	date	description
C	8.24.20	UPDATED TO 2020 FBC
D	7.10.23	UPDATED TO 2023 FBC

drawing no.

G18-01

date: 07-05-18

scale: -

sheet 1 of 1

