



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

Trinseo LLC
100 PA Route 413
Bristol, PA 19007

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: Plexiglas® SG Plus, Plexiglas® Frosted and Plexiglas® Sylk Acrylic Sheets

APPROVAL DOCUMENT: Drawing No. **G12-01**, titled "Plexiglas Acrylic Sheets", sheet 1 of 1, dated 01/24/2012, with revision E dated 09/25/2023, 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: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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 # **21-0825.02** and consists of this page, evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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



NOA No: 23-1012.24
Expiration Date: April 14, 2026
Approval Date: November 30, 2023
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NOTICE OF ACCEPTANCE: EVIDENCE PAGE

1. Evidence submitted under previous NOA's

A. DRAWING “Submitted under NOA # 15-1223.08”

1. Drawing No. **G12-01**, titled “Plexiglas SG Plus Acrylic Sheet”, sheet 1 of 1, dated 01/24/2012, with revision A dated 12/08/2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TEST REPORTS “Submitted under NOA # 09-1118.01”

	<u>Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	TEL # 01640111	ASTM D 635	06/16/09	Lyndon F. Schmidt, P.E.
2.	TEL # 01640109	ASTM D1929	06/16/09	Lyndon F. Schmidt, P.E.
3.	TEL # 01640110	ASTM D 2843	06/16/09	Lyndon F. Schmidt, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

F. STATEMENTS “Submitted under NOA # 15-1223.08”

1. Statement letter of code conformance to the 5th edition (2014) FBC and of no financial interest issued by Al-Farooq Corporation, dated 04/05/2016, signed and sealed by Javad Ahmad, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
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2. Evidence submitted under NOA # 18-0725.10

A. DRAWING

1. Drawing No. **G12-01**, titled “Plexiglas Acrylic Sheets”, sheet 1 of 1, dated 01/24/2012, with revision B dated 06/12/2018, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TEST REPORTS

	<u>Report No.</u>	<u>Standard</u>	<u>Date</u>	<u>Signature</u>
1.	103217867MID-004GR0	ASTM G155-13	05/30/18	Gary T. Hartman, P.E.
2.	103217867MID-004GR0	ASTM D638-14	05/30/18	Gary T. Hartman, P.E.
3.	103217867MID-004GR0	ASTM D2843-16	05/30/18	Gary T. Hartman, P.E.
4.	103217867MID-004GR0	ASTM D1929-16	05/30/18	Gary T. Hartman, P.E.
5.	103217867MID-004GR0	ASTM D635-14	05/30/18	Gary T. Hartman, P.E.
6.	102757822MID-001dR1	ASTM D1929-16	06/28/18	Gary T. Hartman, P.E.
7.	102757822MID-002bR1	ASTM D2843-16	06/28/18	Gary T. Hartman, P.E.
8.	102757822MID-003bR1	ASTM D635-14	06/28/18	Gary T. Hartman, P.E.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

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 07/20/2018, signed and sealed by Javad Ahmad, P.E.

G. OTHERS

1. Test proposal # 17-0719.



Carlos M. Utrera, P.E.

Product Control Examiner

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3. Evidence submitted under NOA # 20-1104.03

A. DRAWING

1. Drawing No. **G12-01**, titled “Plexiglas Acrylic Sheets”, sheet 1 of 1, dated 01/24/2012, with revision C dated 08/27/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 10/20/2020.

B. TEST REPORTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

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 10/20/2020, signed and sealed by Jalal Farooq, P.E.



Carlos M. Utrera, P.E.
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4. Evidence submitted under NOA # 21-0825.02 and new

A. DRAWING

1. Drawing No. **G12-01**, titled “Plexiglas Acrylic Sheets”, sheet 1 of 1, dated 01/24/2012, with revision D dated 09/25/2023, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TEST REPORTS

1. None.

C. CALCULATIONS

1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. QUALITY ASSURANCE

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

F. STATEMENTS

1. Statement letter of code conformance to the 7th edition (2020) and 8th edition (2023) of the FBC and of no financial interest, issued by Al-Farooq Corporation, dated 09/26/2023, signed and sealed by Jalal Farooq, P.E.
2. Share purchase agreement by and between Arkema and Trinseo, dated 03/19/2021, signed by Jerome Schmidgen on behalf of Arkema and Angelo Chaclas, authorized representative of Trinseo S.A.
3. Arkema Inc. release form releasing all rights, interests, and responsibility in NOA # 20-1104.03 and stating that they legally sold all assets of the NOA to applicant and requesting that the existing NOA be rescinded; they no longer manufacture the product and have given up all rights to the referenced NOA and all the necessary machinery, equipment, and know-how used in the fabrication of the product used for the tests.
4. Trinseo letter specifically stating that Trinseo LLC legally purchased all the assets and requesting that NOA # 20-1104.03 be issued under its name.



Carlos M. Utrera, P.E.

Product Control Examiner

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Plexiglas[®] SG PLUS, Plexiglas[®] Frosted & Plexiglas[®] Sylk

PRODUCT DESCRIPTION:

Plexiglas[®] SG PLUS acrylic sheets are available in thickness from 0.093 in. to 0.472 in.

Plexiglas[®] Frosted & Plexiglas[®] Sylk acrylic sheets are available in thickness from 0.08 in. to 0.472 in.

Plexiglas[®] SG PLUS, Plexiglas[®] Frosted & Plexiglas[®] Sylk sheets are available in clear transparent, translucent and opaque colors.

Glazing systems using this product can be used as a component of the building after having a valid and current product control notice of acceptance.

PRODUCT PROPERTIES

TEST DESCRIPTION	TEST METHOD	TEST RESULTS					
		Plexiglas [®] SG PLUS		Plexiglas [®] Frosted		Plexiglas [®] Sylk	
SELF IGNITION TEMP.	ASTM D1929	721°F		750°F		766°F	
SMOKE DENSITY RATING (MAX.)	ASTM 2843	11.7%		4%		3.2%	
AVERAGE TIME OF BURNING	ASTM D635	52.7 SEC.		319 SEC.		205 SEC.	
AVERAGE EXTENT OF BURNING	ASTM D635	0.74 IN.		2.95 IN.		2.95 IN.	
AVERAGE RATE OF BURNING	ASTM D635	0.94 IN/MIN		0.56 IN/MIN		0.87 IN/MIN	
TENSILE STRENGTH (MEAN)	ASTM D638	13,776 PSI	14,106 PSI	9,400 PSI	9,620 PSI	9,600 PSI	8,750 PSI
		* BEFORE	AFTER	BEFORE	AFTER	BEFORE	AFTER

*
Weathering as per the Florida Building Code.

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.

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 23-1012.24

Expiration Date 04/14/2026

By 
Miami-Dade Product Control

SEP 27 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

PLEXIGLAS[®] ACRYLIC SHEETS

Trinseo LLC
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Louisville, KY. 40216
Tel. (502) 449-6100 Fax. (502) 449-6116

revisions:

no	date	description
D	9.28.21	MANUF. NAME REVISED
E	9.25.23	UPDATED TO 2023 FBC

drawing no.

G12-01

date: 01-24-12

scale: -

sheet 1 of 1

