

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

R)

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

MIAMI-DADE COUNTY

NOTICE OF ACCEPTANCE (NOA)

Eurotech Industries, Inc. 4201 NE 12th Terrace Ft. Lauderdale, FL 33334

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: Outswing Aluminum Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing **No. W03-80**, titled "Aluminum Casement Window (L.M.I.)", sheets 1 through 5 of 5, dated 09/05/03, with revision **J** dated 06/15/23, 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: Large and Small Missile Impact Resistant

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 No. 21-0113.03 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 Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

7/12/23

NOA No. 23-0622.06 Expiration Date: February 05, 2024 Approval Date: July 20, 2023 Page 1

Eurotech Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under NOA No. 06-1019.03)
- 2. Drawing **No. W03-80**, titled "Aluminum Casement Window (L.M.I.)", sheets 1 through 5 of 5, dated 09/05/03, with revision I dated 11/05/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 21-0113.03)

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94 along with marked-up drawings and installation diagram of aluminum casement windows mulled side-by-side Test Report No. **HETI-03-1315** dated 05/12/03, and of a single aluminum casement window Test Report No. **HETI-03-1317** dated 05/14/03, both prepared by Hurricane Engineering & Testing Inc., signed and sealed by Rafael E. Droz-Seda, P.E.

(Submitted under NOA No. 06-1019.03)

- 2. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
 - 2) Cyclic Wind Pressure Loading per FBC, TAS 203-94 along with marked-up drawings and installation diagram of aluminum casement windows mulled side-by-side Test Report No. **HETI-03-1829** dated 05/12/03, of a single aluminum casement windows Test Report No. **HETI-03-1822**, dated 01/23/04, both prepared by Hurricane Engineering & Testing Inc., signed and sealed by Rafael E. Droz-Seda, P.E.

(Submitted under NOA No. 06-1019.03)

C. CALCULATIONS

1. Anchor verification calculations, complying with **FBC** 7th **Edition** (2020), dated 10/26/20, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

(Submitted under NOA No. 21-0113.03)

2. Glazing complies with ASTM E1300-09

D. QUALITY ASSURANCE

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

Manuel Pérez, P.E. Product Control Examiner NOA No. 23-0622.06

Expiration Date: February 05, 2024 Approval Date: July 20, 2023

Eurotech Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- E. MATERIAL CERTIFICATIONS
 - 1. Notice of Acceptance No. **20-0915.19** issued to **Kuraray America**, **Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers" dated 11/19/20, expiring on 07/04/23.
 - 2. Notice of Acceptance No. 20-0622.01 issued to Eastman Chemical Company (MA) for their "Saflex PVB Clear and Color Glass Interlayers" dated 08/06/20, expiring on 05/21/21.

F. STATEMENTS

1. Statement letter of conformance, complying with FBC 6th Edition (2017), with FBC 7th Edition (2020), and of no financial interest, dated 10/26/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No. 21-0113.03)

G. OTHERS

1. Notice of Acceptance No. 18-0221.08, issued to Eurotech Industries, Inc., for their Outswing Aluminum Casement Window – L.M.I., approved on 04/19/18 and expiring on 02/05/24.

Manuel Pérez, P.E.
Product Control Examiner
NOA No. 23-0622.06

Expiration Date: February 05, 2024 Approval Date: July 20, 2023

Eurotech Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing **No. W03-80**, titled "Aluminum Casement Window (L.M.I.)", sheets 1 through 5 of 5, dated 09/05/03, with revision **J** dated 06/15/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

2. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **22-1116.01** issued to **Kuraray America**, **Inc.** for their "SentryGlas® (Clear and White) Glass Interlayers" dated 12/15/22, expiring on 07/04/28.
- 2. Notice of Acceptance No. 21-0216.01 issued to Eastman Chemical Company (MA) for their "Saflex PVB Interlayers Clear and Colored for Glass" dated 04/29/21, expiring on 05/21/26.

F. STATEMENTS

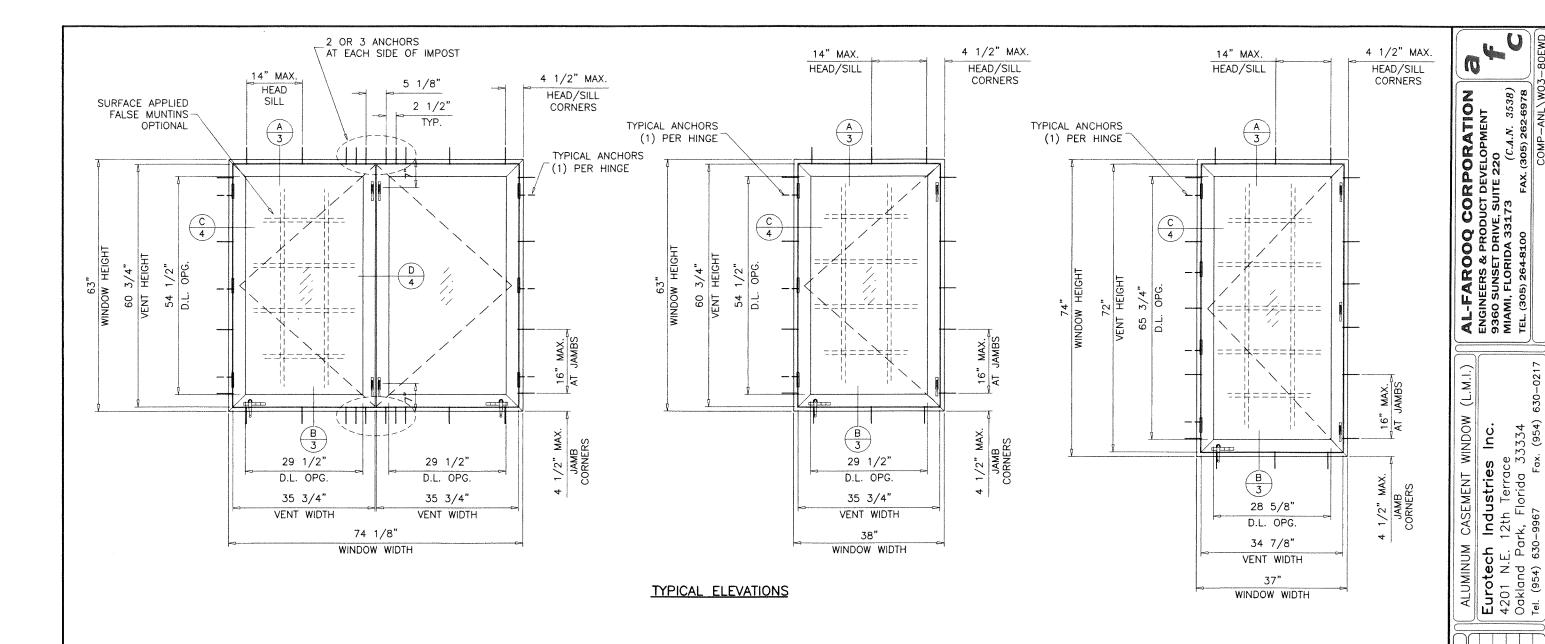
1. Statement letter of conformance, complying with FBC 7th Edition (2020), with FBC 8th Edition (2023) and of no financial interest, dated June 16, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. 21-0113.03, issued to Eurotech Industries, Inc., for their Outswing Aluminum Casement Window – L.M.I., approved on 04/08/21 and expiring on 02/05/24.

Manuel Pérez, P.E. Product Control Examiner NOA No. 23-0622.06

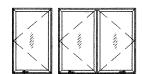
Expiration Date: February 05, 2024 Approval Date: July 20, 2023



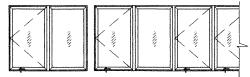
ALUMINUM CASEMENT WINDOW (IMPACT)

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE VENT WINDOWS OR DUAL VENT WINDOWS USING INTEGRAL IMPOST.



ALSO SIDE BY SIDE COMBINATIONS OF CASEMENT/CASEMENT OF TWO OR MORE WINDOWS USING APPROVED MULLIONS.



THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

PRODUCT REVISED

As complying with the Florida JUN 1 2023

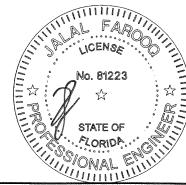
Building Code

NOA-No. 23-0622.06

Expiration Date: 02/05/2024

Miami-Dade Product Control

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.



		by descrip	REV. PER	UPDATED	UPDATED	UPDATED	
CT.	revisions:	date	12.03.15	01.31.18	11.05.20	06.15.23	
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		70	-	70		70	\supseteq

drawing no.
W03-80
sheet 1 of 5

DESIGN LOAD CAPACITY - PSF FOR (X) SIZES						
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		
WIDTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	
19-1/8"		75.0	75.0	75.0	90.0	
26-1/2"	26"	75.0	75.0	75.0	90.0	
37"		75.0	75.0	75.0	90.0	
19-1/8"		75.0	75.0	75.0	90.0	
26-1/2"	38-3/8"	75.0	75.0	75.0	90.0	
37"		75.0	75.0	75.0	90.0	
19-1/8"		75.0	75.0	75.0	90.0	
26-1/2"	50-5/8"	75.0	75.0	75.0	90.0	
37"		75.0	75.0	75.0	90.0	
19-1/8"		75.0	75.0	75.0	90.0	
26-1/2"	63"	75.0	75.0	75.0	90.0	
37"		75.0	75.0	75.0	90.0	
19-1/8"		75.0	75.0	75.0	90.0	
26-1/2"	74"	75.0	75.0	75.0	90.0	
37"		75.0	75.0	75.0	90.0	
19-1/8"	78"	75.0	75.0	75.0	90.0	
26-1/2"	76	75.0	75.0	75.0	90.0	
19-1/8"	84"	75.0	75.0	75.0	90.0	
26-1/2"	04	67.2	75.0	67.2	90.0	
18"		75.0	75.0	75.0	90.0	
24"		75.0	75.0	75.0	90.0	
30"	24"	75.0	75.0	75.0	90.0	
36"		75.0	75.0	75.0	90.0	
18"		75.0	75.0	75.0	90.0	
24"		75.0	75.0	75.0	90.0	
30"	36"	75.0	75.0	75.0	90.0	
36"		75.0	75.0	75.0	90.0	
18"		75.0	75.0	75.0	90.0	
24"		75.0	75.0	75.0	90.0	
30"	48"	75.0	75.0	75.0	90.0	
36"		75.0	75.0	75.0	90.0	
18"		75.0	75.0	75.0	90.0	
24"		75.0	75.0	75.0	90.0	
30"	60"	75.0	75.0	75.0	90.0	
36"		75.0	75.0	75.0	90.0	
18"		75.0	75.0	75.0	90.0	
24"	72"	75.0	75.0	75.0	90.0	
30"	-	75.0	75.0	75.0	90.0	
36"		75.0	75.0	75.0	90.0	
18"		75.0	75.0	75.0	90.0	
24"	80"	75.0	75.0	75.0	90.0	
30"		69.9	75.0	69.9	90.0	

As complying with the Florida Building Code NOA-No. 23-0622.06

Expiration Date: <u>02/05/2024</u>

PRODUCT REVISED

By: Manuel Peres Miami-Dade Product Control

FAROUR LICENSE	
E: No. 81223	
STATE OF	
ACORIDA.	

WINDOW ach Industries Inc.
N.E. 12th Terrace
Bark, Florida 33334
Cox. (954) CASEMENT **Eurotech** 4201 N.E. 1 Oakland Par ALUMINUM

(C.A.N. 3538) FAX. (305) 262-6978

 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

 2 ANCHOR AT EACH 3 ANCHORS AT EACH 2 ANCHORS AT EACH SIDE OF IMPOST EXT.(+)1NT.(-)75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 (∵. W: 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0 75.0

2-1/2" EDGE DIST.

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75.0

DESIGN LOAD CAPACITY - PSF FOR (XX) SIZES

1" MIN. EDGE DIST.

SIDE OF IMPOST

1NT.(-)

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

64.5

75.0

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75.0

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67.1

55.9

JUN 1] 2023

EXT.(+)

75.0

75.0

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75.0

75.0

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75.0

75.0

75.0

75.0

75.0

75.0

72.2

51.8

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

75.0

69.9

75.0

75.0

75.0

67.1

55.9

WINDOW DIMS.

HEIGHT

26"

38-3/8"

50-5/8"

63"

24"

36"

60"

WIDTH

26-1/2

37"

53-1/8"

74"

26-1/2"

37"

53-1/8"

74"

26-1/2"

37"

53-1/8"

26-1/2"

37"

53-1/8"

74"

24"

36"

48"

60"

72"

24"

36"

48"

60"

72"

24"

36"

48"

60"

72"

24"

36"

48"

60"

72"

GLASS TYPE 'A' & 'B'

SIDE OF IMPOST

1NT.(-)

75.0

75.0

75.0

75.0

75.0

75.0

EXT.(+)

75.0

75.0

75.0

75.0

75.0

75.0

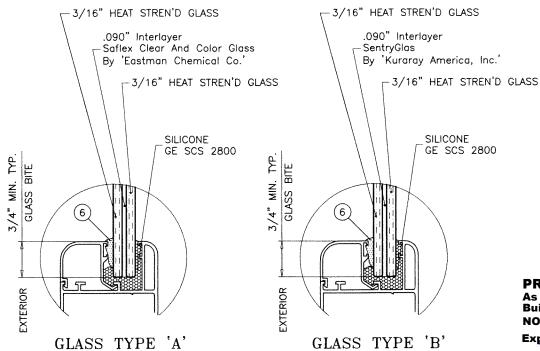
revisions:
no date
c 12.03.15
H 01.31.18
i 11.05.20
J 06.15.23 1/2" 09 by: 유 | 충

by description
REV. PER RER COMMENTS
UPDATED TO 2017 FBC
UPDATED TO 2020 FBC
NO CHANGE THIS SHEET

drawing no. W03-80

sheet 2 of 5

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



GLAZING OPTIONS

