

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

NOTICE OF ACCEPTANCE (NOA)

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

MIAMI-DADE COUNTY

Eurotech Industries, Inc. 4201 NE 12 Terrace Oakland Park, 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: Series "Tradewind" Single Outswing Aluminum Entrance Door w/SHW-LMI

APPROVAL DOCUMENT: Drawing No. **W10–06 Rev F**, titled "Tradewind Alum Outswing Ent. Door (L.M.I.)", sheets 1 through 6 of 6, dated 02/17/10 and last revised on JAN 21, 2021, 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

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 # 19-0318.03 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

Ishaq I. Chande

NOA No. 21-0122.15 Expiration Date: June 10, 2024 Approval Date: April 15, 2021

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMTTED UNDER PREVIOUS NOA'S

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under previous NOA's# 12-0207.04 and 10-0322.13)
- 2. Drawing No. **W10–06 Rev D**, titled "Tradewind Alum. Outswing Ent. Door (L.M.I.)", sheets 1 through 6 of 6, dated 02/17/10 and last revised on 02/09/16, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

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 and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of aluminum outswing door, prepared by American Test Lab of South Florida, Test Report No(s). **ATLSF 0304.01-15**, dated 05/26/15, signed and sealed by Stephen Warter, P.E. *(Submitted under NOA 15-0707.02)*

- 2. 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 and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked—up drawings and installation diagram of aluminum outswing door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.'s HETI–10–3004, HETI–10–3005, HETI–10–3006, HETI–10–3007 and HETI–09–2563, dated 02/11-12/10 and Test Reports No.'s HETI–08–2021, HETI–08–2022, HETI–08–2023 and HETI–08–2024, all dated 03/15/08, all signed and sealed by Candido Font, P.E. (Submitted under NOA's# 12-0207.04 and 10-0322.13)

- 3. 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 and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 7) Tensile Test, per FBC, ASTM E8–01

along with marked—up drawings and installation diagram of aluminum outswing door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. 's **HETI–03–1882**, **HETI–08–1889**, **HETI–08–2024** and **HETI–04–T100**, all dated 01/15/04 through 02/09/04, all signed and sealed by Rafael E. Droz–Seda, P. E. *(Submitted under NOA No.04–0428.03)*

Ishaq I. Chands

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0122.15
Expiration Date: June 10, 2024
Approval Date: April 15, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

- 1. Anchor verification calculations, complying with FBC 2014, 5th edition, prepared by Al Farooq Corporation, dated 09/11/15, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies w/ ASTME-1300-09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **14-0916.11** issued to Kuraray America, Inc. for their "Sentry Glass ® (Clear and White) Interlayer", expiring on 07/04/18.
- 2. Notice of Acceptance No. **14-0916.10** issued to Kuraray America, Inc. for their "Kuraray Butacite PVB Glass Interlayer", expiring on 12/11/16.
- 3. Notice of Acceptance No. **14-0423.16** issued to Eastman Chemical Company, (MA) (former Solutia Inc.) for their "Saflex HP Clear or Color Glass Interlayers", expiring on 04/14/18.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2014, 5th edition & no financial interest, prepared by Al Farooq Corporation, dated 09/08/15, signed and sealed by Javad Ahmad, P.E.
- 2. Lab compliance as part of the above referenced test reports.

G. OTHER

1. Notice of Acceptance No. **14-0303.10**, issued to Eurotech Industries, Inc. for their **Series** "**Tradewind**" **Single Outswing Aluminum Entrance Door w/ SHW-LMI.**", approved on 05/15/14 and expiring on 06/10/19.

2. EVIDENCE SUBMTTED under file #15-0916.14

A. DRAWINGS

1. Drawing No. **W10–06 Rev E**, titled "Tradewind Alum Outswing Ent. Door (L.M.I.)", sheets 1 through 6 of 6, dated 02/17/10 and last revised on 01/08/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. OUALITY ASSURANCE

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

Ishaq I. Chands

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0122.15
Expiration Date: June 10, 2024
Approval Date: April 15, 2021

Eurotech Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. for their "Sentry lass ® (Clear and White) Interlayer", expiring on 07/04/23.
- 2. Notice of Acceptance No. 17-1114.14 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/19.
- 3. Notice of Acceptance No. **17-0712.04** issued to Eastman Chemical Company, (MA) for their "Saflex HP Clear or Color Glass Interlayers", expiring on 04/14/18.

F. STATEMENTS

1. Statement letter of conformance to **FBC** 6th **Edition (2017)** & no financial interest, prepared by Al Farooq Corporation, dated 01/05/18, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA revises NOA #**15-0916.14**, expiring on 06/10/19.

3. EVIDENCE SUBMTTED under previous approval

A. DRAWINGS

1. Drawing No. **W10–06 Rev E**, titled "Tradewind Alum Outswing Ent. Door (L.M.I.)", sheets 1 through 6 of 6, dated 02/17/10 and last revised on JAN 15, 2018, 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. Notice of Acceptance No. **17-0808.02** issued to Kuraray America, Inc. for their "Sentry Glass ® (Clear and White) Interlayer", expiring on 07/04/23.
- 2. Notice of Acceptance No. 17-1114.14 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/19.
- 3. Notice of Acceptance No. **18-0301.05** issued to Eastman Chemical Company, (MA) for their "Saflex HP Clear or Color Glass Interlayers", expiring on 04/14/23.

F. STATEMENTS

1. Statement letter of conformance to **FBC** 6th **Edition (2017)** & no financial interest, prepared by Al Farooq Corp, dated 02/28/19, signed & sealed by Javad Ahmad, P.E.

G. OTHER

1. This NOA renews NOA #**15-0916.14**, expiring on 06/10/24.

Ishaq I. Chands

Ishaq I. Chanda, P.E. Product Control Unit Supervisor NOA No. 21-0122.15 Expiration Date: June 10, 2024 Approval Date: April 15, 2021

Eurotech Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. New EVIDENCE SUBMTTED

A. DRAWINGS

1. Drawing No. **W10–06 Rev F**, titled "Tradewind Alum Outswing Ent. Door (L.M.I.)", sheets 1 through 6 of 6, dated 02/17/10 and last revised on JAN 21, 2021, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations, complying with FBC 2020, 7th edition, prepared by Al Farooq Corporation, dated 01/21/21, signed and sealed by Jalal Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. for their "Sentry Glass ® (Clear and White) Interlayer", expiring on 07/04/23.
- 4. Notice of Acceptance No. 20-0915.22 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/24.
- 5. Notice of Acceptance No. **18-0301.05** issued to Eastman Chemical Company, (MA) for their "Saflex HP Clear or Color Glass Interlayers", expiring on 04/14/23.

F. STATEMENTS

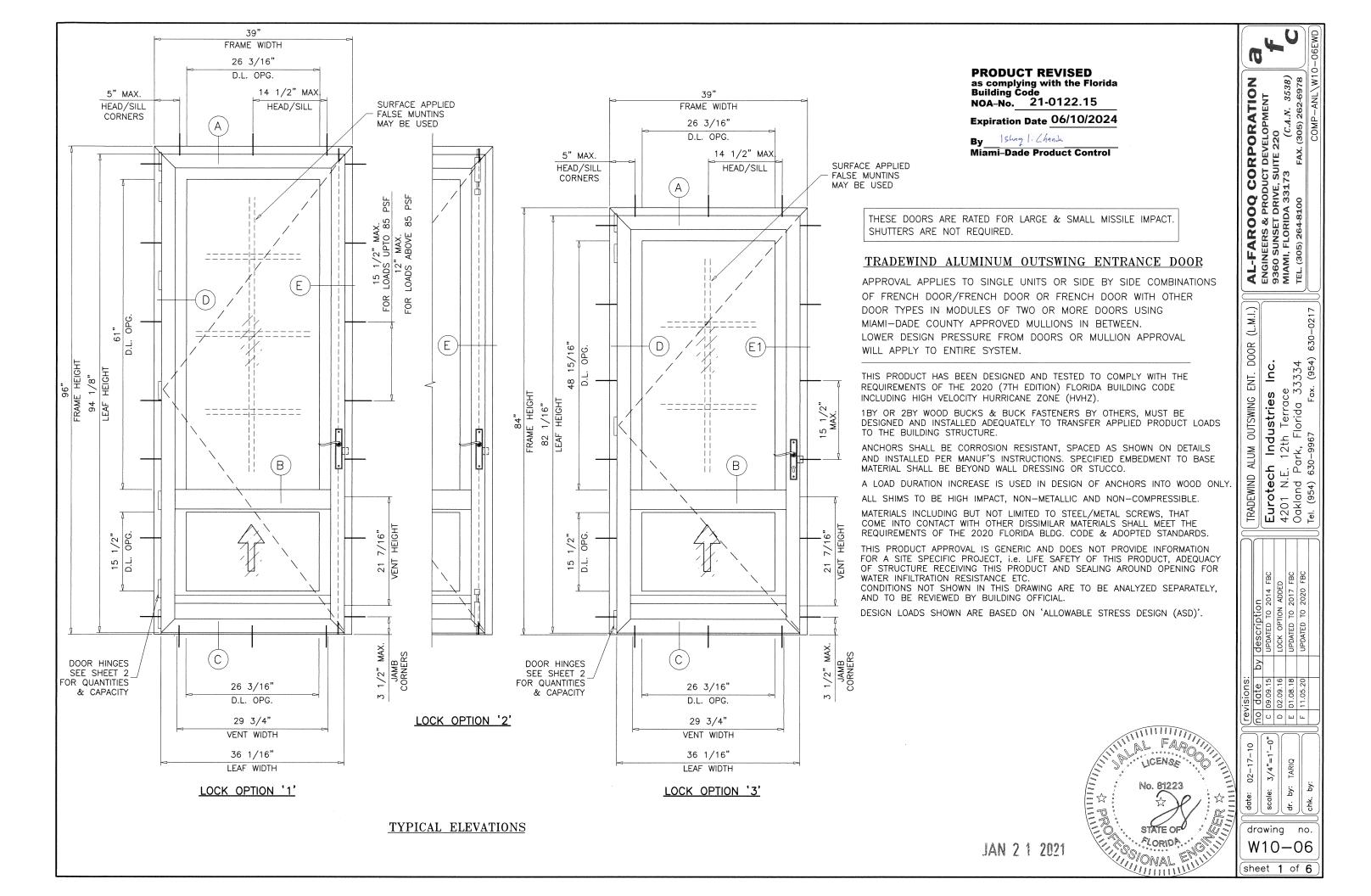
1. Statement letter of conformance to **FBC** 7th **Edition (2020)** & no financial interest, prepared by Al Farooq Corp, dated 01/21/21, signed & sealed by Jalal Farooq, P.E.

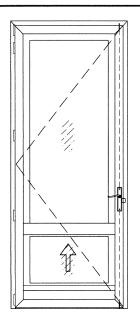
G. OTHER

1. This NOA revises NOA #19-0318.03, expiring on 06/10/24.

Ishaq I. Chands

Approval Date: April 15, 2021





DESIGN LOAD CAPACITY - PSF				
DOOR SIZE		GLASS TYPES 'A', 'B' & 'C'		
WIDTH	HEIGHT	EXT. (+)	INT. (-)	
2/8		75.0	85.0	
3/0	6/8	75.0	85.0	
3/3		75.0	85.0	
2/8		75.0	85.0	
3/0	7/0	75.0	85.0	
3/3		75.0	85.0	
2/8		75.0	85.0	
3/0	8/0	75.0	85.0	
3/3		75.0	85.0	

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED

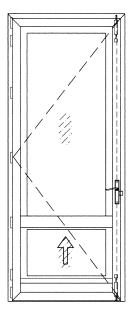
LOCK OPTION '1':

3 POINT LOCK SYSTEM AT ACTIVE LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.

STRIKE PLATE 1-1/4" X 1/4" X 16-1/4" LONG ATTACHED WITH (2) #8 X 3/4" SMS

HINGES:

TWO-HANDED COMB HING EXTRUDED ALUMINUM BRIDGE 2 BY 'GIESSE' (5) PER LEAF ÀT 6", 12", 35", 63-1/2" AND 92-1/2" FROM TOP OF DOOR



DESIGN LOAD CAPACITY - PSF				
DOOR SIZE		GLASS TYPES 'A', 'B' & 'C'		
WIDTH	HEIGHT	EXT. (+)	INT. (-)	
2/8		85.0	115.0	
3/0	6/8	85.0	115.0	
3/3		85.0	115.0	
2/8		85.0	115.0	
3/0	7/0	85.0	115.0	
3/3		85.0	115.0	
2/8		85.0	115.0	
3/0	8/0	85.0	115.0	
3/3		85.0	115.0	

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

LOCK OPTION '2':

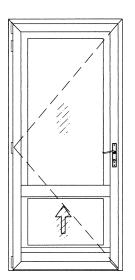
MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP AND BOTTOM OF LEAF PART #02181 ATTACHED WITH (4) #10 X 1-1/2" SMS.

3 POINT LOCK SYSTEM AT LOCK STILE 36" FROM BOTTOM, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR.

STRIKE PLATE 1-1/4" X 1/4" X 16-1/4" LONG ATTACHED WITH (2) #8 X 3/4" SMS

HINGES:

TWO-HANDED COMB HING EXTRUDED ALUMINUM BRIDGE 2 BY 'GIESSE' (7) PER LEAF AT 7/0 AND 8/0 DOORS AT 3", 9" AND 26-3/8" FROM TOP AND BOTTOM, ONE AT MIDSPAN (6) PER LEAF AT 6/8 DOORS AT 3", 9" AND 26-3/8" FROM TOP AND BOTTOM



DESIGN LOAD CAPACITY - PSF				
DOOR SIZE		GLASS TYPES 'A', 'B' & 'C'		
WIDTH	HEIGHT	EXT. (+)	INT. (-)	
2/8		70.0	75.0	
3/0	6/8	70.0	75.0	
3/3		70.0	75.0	
2/8		70.0	75.0	
3/0	7/0	70.0	75.0	
3/3		70.0	75.0	
1				

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

LOCK OPTION '3':

SINGLE POINT MORTISE LOCK WITH SWING BOLT BY 'CISA' LOCATED AT 35-/2" FROM BOTTOM FASTENED TO LOCK STILE WITH (2) #8 X 3/8" FH SMS

ALUMINUM STRIKE PLATE BY 'CISA' FACING LOCK (1" WIDE X .295" THK. X 9" LONG) FASTENED TO FRAME JAMB WITH (2) #10 X 1" FH SMS

HINGES:

TWO HANDED COMB HINGE EXTRUDED ALUMINUM BRIDGE 2 BY 'GIESSE HINGES FASTENED WITH #10 X 3/8" FH SMS

NOTE:

GLASS CAPACITIES ON THIS SHEET ARE

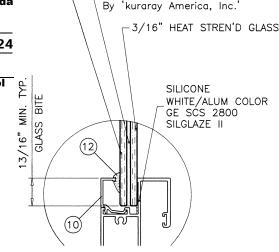
(2) SCREWS AT HINGE STILE (2) SCREWS AT FRAME JAMB

(4) PER LEAF AT 6/8 AND 7/0 DOORS AT 7", 15", 44" FROM TOP AND 3-1/2" FROM BOTTOM

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 21-0122.15

Expiration Date 06/10/2024

Ishaq I. Chands Miami-Dade Product Control

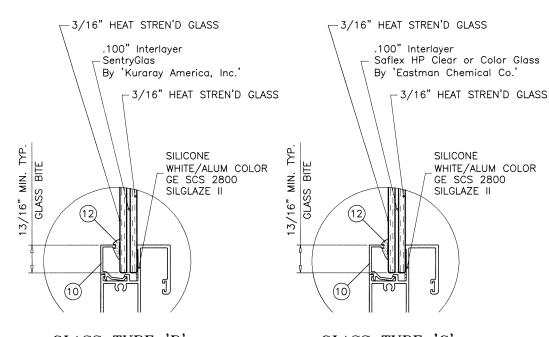


-3/16" HEAT STREN'D GLASS

.090" Interlayer

-Trosifol PVB´

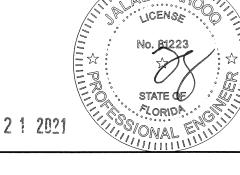
GLASS TYPE 'A'



GLASS TYPE 'B'

GLASS TYPE 'C'

GLAZING OPTIONS



sheet 2 of 6

6 0 0 m r 10 02-17-H 3/8"

drawing no. W10-06

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(C.A.N. 3538) (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

(L.M.I.)

DOOR

ENT.

OUTSWING

ALUM

TRADEWIND

ch Industries Inc. E. 12th Terrace Park, Florida 33334 630-9967 Fax. (954)

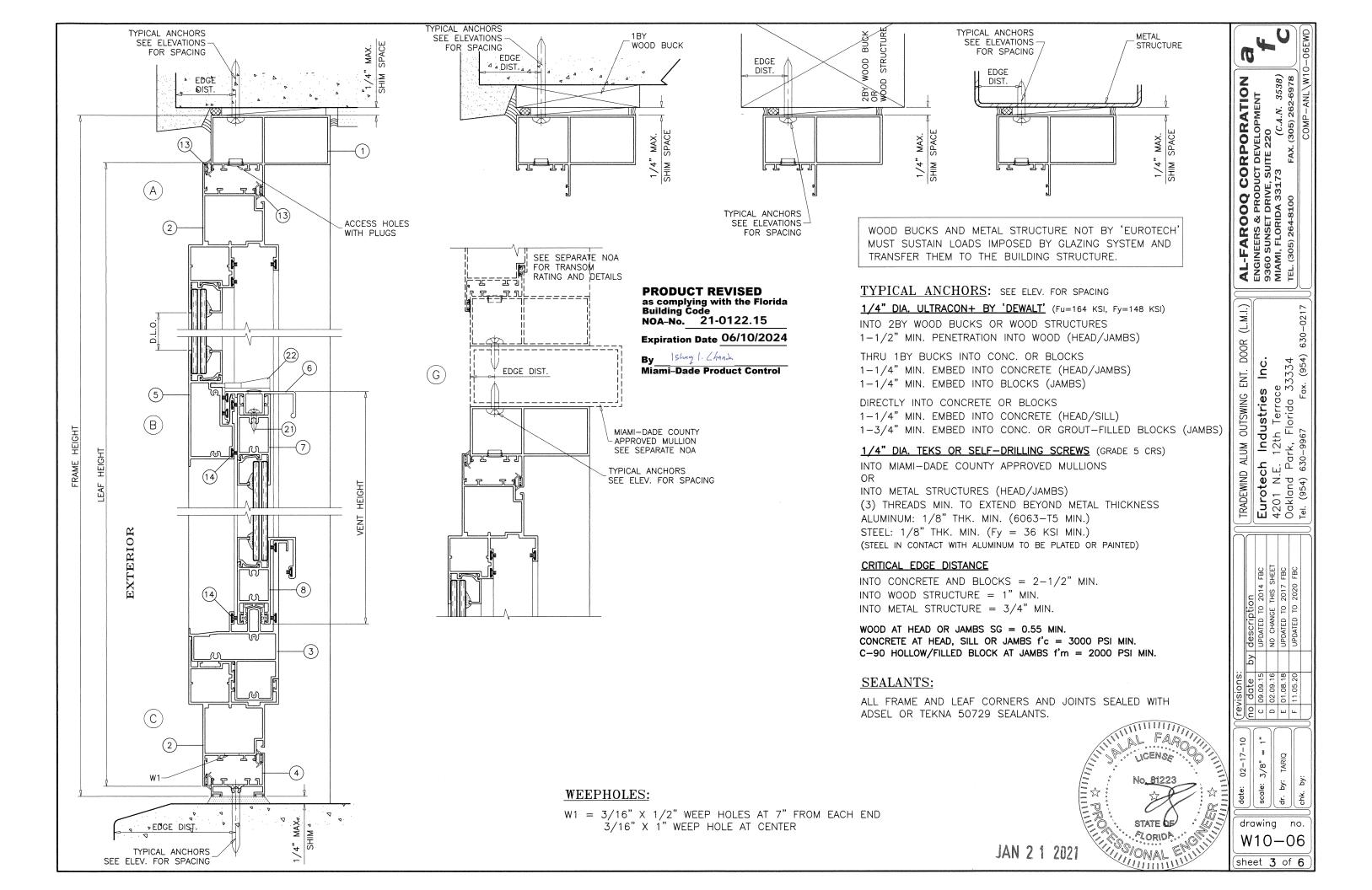
Eurotech 4201 N.E. 1 Oakland Par

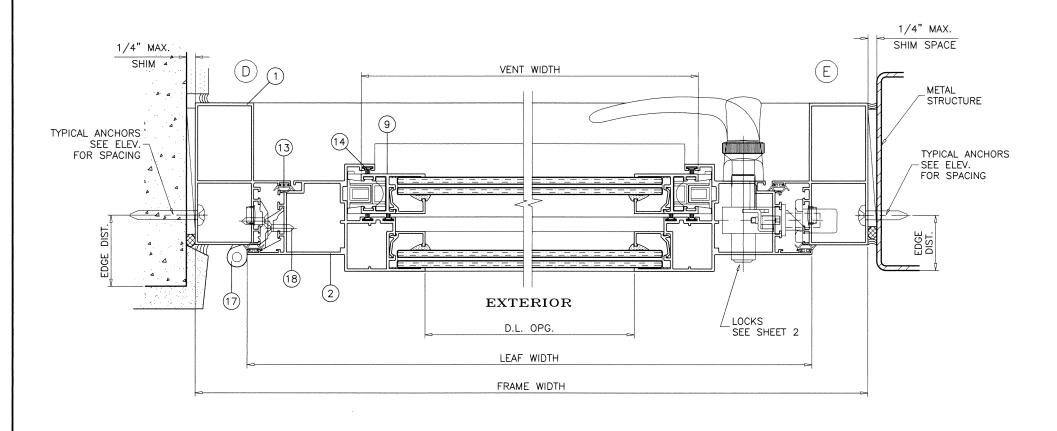
by description
UPDATED TO 2014
LOCK OPTION ADD
UPDATED TO 2017
UPDATED TO 2017

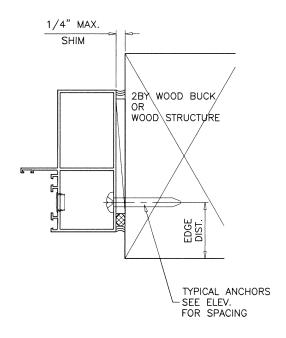
NOTE: TOP AND BOTTOM FLUSH BOLTS (IF USED) MUST BE ENGAGED DURING PERIODS OF HURRICANE WARNING.

BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

JAN 2 1 2021





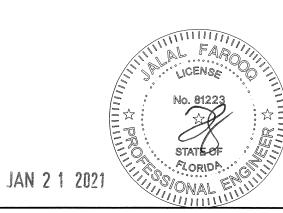


PRODUCT REVISED
as complying with the Florida
Building Code NOA-No. 21-0122.15

Expiration Date 06/10/2024

By | Sheg | . Chank
Miami-Dade Product Control

1/4" MAX. SHIM WOOD BUCK TYPICAL ANCHORS SEE ELEV.
FOR SPACING EXTERIOR _LOCKS SEE SHEET 2 FRAME WIDTH



	TPANEWIND ALLIN OLITCHING ENT DOC
Eion	INALEMINA ALOM COLSMING LINI. DOC
0 2014 FBC	Eurotech Industries Inc.
ON ADDED	4201 N F 12th Terrace
0 2017 FBC	
TO 2020 FBC	orida
	Tel. (954) 630-9967 Fax. (954)

AL-FAROOQ CORPORATIONENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

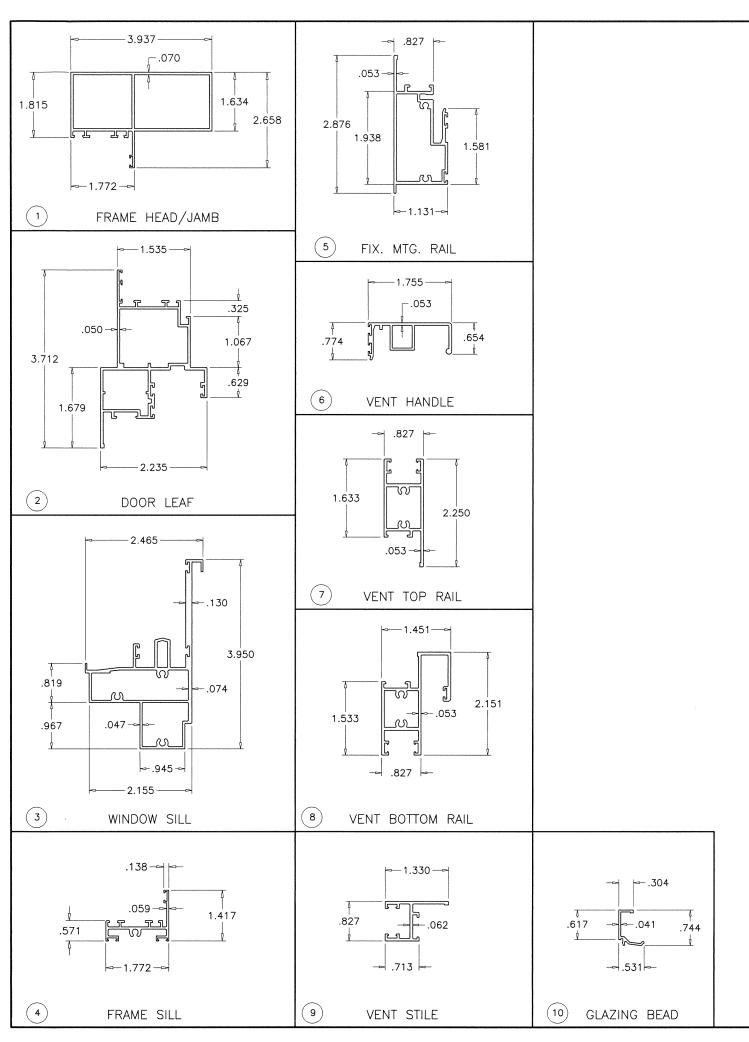
T. DOOR (L.M.I.)

02-17-10

drawing no. W10 - 06sheet 4 of 6

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revisions:
no date
c 09.09.15
D 02.09.16
E 01.08.18
F 11.05.20



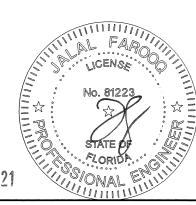
ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	ER 006	3	FRAME HEAD/JAMB	6063-T6	_
2	HW 016	3	DOOR LEAF	6063-T6	_
3	HW 012	1	WINDOW SILL	6063-T6	_
4	VZ 1483	1	FRAME SILL	6063-T6	_
5	HW 009	1	FIXED MEETING RAIL	6063-T6	-
6	800 WH	1	VENT HANDLE	6063-T6	_
7	HW 004	1	VENT TOP RAIL	6063-T6	_
8	HW 007	1	VENT BOTTOM RAIL	6063-T6	_
9	HW 005	2	VENT STILE	6063-T6	_
10	HW 010	4/ LITE	GLAZING BEAD	6063-T6	_
11	_	_	_	_	_
12	COM 2800	4/ LITE	GLAZING GASKET (DUROMETER 75 SHORE A)	EPDM	_
13	58120	AS REQD.	BULB W'STRIPPING (DUROMETER 64 SHORE A)	SANTOPRENE	COMPLASTEX
14	W21225	AS REQD.	WOOL PILE WITH FIN		ULTRAFAB
15	_		-	_	_
16	1001/50	1/ CORNER	CORNER KEY	ALUMINUM	MONTICELLO
17	00600X	4/ LEAF	HINGES	ALUMINUM	GIESSE
18	#10 X 3/8"	4/ HINGE	HINGE INSTALLATION SCREWS	_	PH MACHINE SCREWS
19	#10 x 2"	AS REQD.	ASSEMBLY SCREWS	_	HH SELF DRILLING
20	#12 X 1-1/4	_	FRAME ASSEMBLY SCREWS	_	SMS
21	#10 X 1-1/4"	2/ VENT	VENT HANDLE INSTALLATION SCREWS	_	PH SMS
22	_	1/ VENT	SWEEP LATCH	STEEL	_
23	#8 X 1"	2/ LATCH	SWEEP LATCH INSTALLATION SCREWS	_	FH SMS
24	F210	2/ VENT	BALANCES	_	SUPERBOOST
25	#8 X 1"	1/ BALANCE	BALANCE INSTALLTION SCREWS	-	FH SMS

PRODUCT REVISED
as complying with the Florida
Building Code NOA-No. 21-0122.15

Expiration Date 06/10/2024

Ishaq I. Chands

Miami-Dade Product Control



TRADEWIND ALUM OUTSWING ENT. DOOR (L.M.I.) Eurotech Industries Inc. 4201 N.E. 12th Terrace Oakland Park, Florida 33334 Tel. (954) 630–9967 Fax. (954) 6

 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

by description
NO CHANGE THIS SHEET
DO UPDATED TO 2020 FBC | revisions: | no date | c 09.09.15 | D 02.09.16 | E 01.08.18 | F 11.05.20 |

02-17-10 3/8" <u>چ</u> 유 | 유

drawing no.

W10 - 06sheet 5 of 6

JAN 2 1 2021

