

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/building

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

NOTICE OF ACCEPTANCE (NOA)

Euro Windows, Inc.

Calle 16 Lote #21

Urbanización Industrial Villa Prades - PO Box 9023867 San Juan, PR 00924 - San Juan, PR 00902

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: White PVC Fixed Window - S.M.I.

APPROVAL DOCUMENT: Drawing No. **W17-77**, titled "White PVC Fixed Window (S.M.I.)", sheets 1 through 5 of 5, dated 08/28/17, with revision **B** dated 09/26/23, 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: Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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. 18-0611.04 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.



11/15/23

NOA No. 23-1012.21 Expiration Date: September 05, 2024 Approval Date: November 22, 2023

Page 1

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. 18-0611.04)
- 2. Drawing No W17-77, titled "White PVC Fixed Window (S.M.I.)", sheets 1 through 5 of 5, dated 08/28/17, with revision A dated 07/25/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E. (Submitted under NOA No. 18-0611.04)

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) Small Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a white PVC mulled fixed window, Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9396**, dated 04/03/17, signed and sealed by Idalmis Ortega, P.E.

(Submitted under NOA No. 18-0611.04)

- 2. Test reports on: 1) Small 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 a white PVC fixed window, Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9580**, dated 03/09/17, signed and sealed by Idalmis Ortega, P.E.

(Submitted under NOA No. 18-0611.04)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017), dated 03/08/18, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

(Submitted under NOA No. 18-0611.04)

2. Glazing complies with ASTM E1300-09/12

D. **QUALITY ASSURANCE**

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

Manuel Perez, P.E. Product Control Examiner NOA No. 23-1012.21

Expiration Date: September 05, 2024 Approval Date: November 22, 2023

Euro Windows, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S (CONTINUED)
- E. MATERIAL CERTIFICATIONS
 - 1. Notice of Acceptance No. 19-0305.02 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 05/09/19, expiring on 07/08/24.
 - 2. Notice of Acceptance No. 19-0715.01 issued to Profine GmbH, for their "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/22/19, expiring on 08/22/24.

F. STATEMENTS

- 1. Statement letter of conformance, complying with **FBC** 6th **Edition (2017)**, and of no financial interest, dated March 8, 2018, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
 - (Submitted under NOA No. 18-0611.04)
- 2. Proposal No. 16-0813, issued to Euro Windows, Inc. for their Testing program for PVC Tilt Turn and Fixed Window L.M.I. and S.M.I., issued by the Product Control Section, dated August 5, 2016, signed by Manuel Perez, P.E. (Submitted under NOA No. 18-0611.04)

G. OTHERS

1. None.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 23-1012.21

Expiration Date: September 05, 2024 Approval Date: November 22, 2023

Euro Windows, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No W17-77, titled "White PVC Fixed Window (S.M.I.)", sheets 1 through 5 of 5, dated 08/28/17, with revision **B** dated 09/26/23, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, 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. 20-0915.22 issued to Kuraray America, Inc. for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 11/19/20, expiring on 07/08/24.
- 2. Notice of Acceptance No. 21-0615.15 issued to Profine GmbH, for their "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 07/21/22, expiring on 08/22/24.

F. STATEMENTS

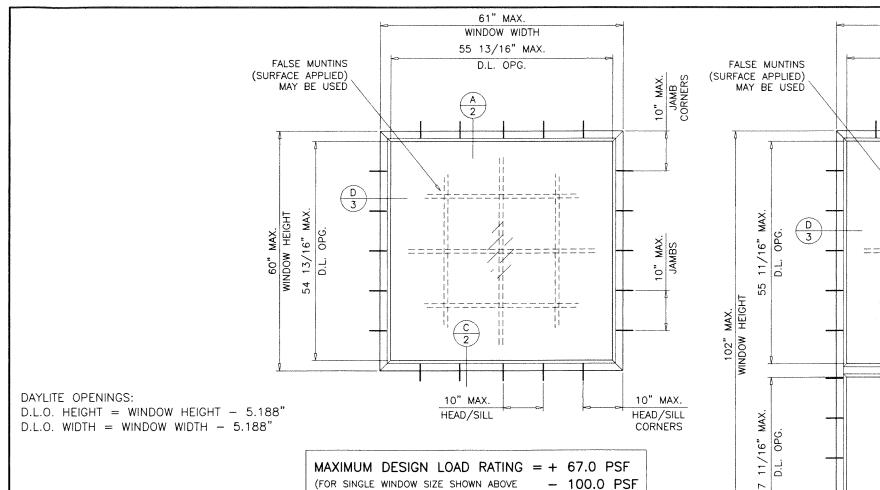
1. Statement letter of conformance, complying with FBC 7th Edition (2020), with FBC 8th Edition (2023) and of no financial interest, dated September 26, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

G. OTHERS

1. Notice of Acceptance No. **18-0611.04**, issued to Euro Windows, Inc. for their White PVC Fixed Window – S.M.I., approved on 09/05/19 and expiring on 09/05/24.

Manuel Perez, P.E. Product Control Examiner NOA No. 23-1012.21

Expiration Date: September 05, 2024 Approval Date: November 22, 2023



SEE SHEET 4 FOR MULLION AND MULLION ANCHOR CAPACITIES.

OR SMALLER)

D.L. OPG. D.L. OPG. 10" MAX. JAMB CORNERS FOR ANCHOR CLUSTERS
-AT TOP & BOTTOM OF MULLION $\frac{A}{2}$ SEE SHEET 4 OF 5 4 2 10, 10" MAX 10" MAX. HEAD/SILL HEAD/SILL CORNERS FOR MULLED UNITS SHOWN ABOVE,

61" MAX.

WINDOW WIDTH

55 13/16" MAX.

WHITE PVC FIXED WINDOW (S.M.I.)

APPROVAL APPLIES TO SINGLE FIXED WINDOWS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED IN MODULES OF TWO OR MORE WINDOWS USING MULLIONS IN BETWEEN. FOR FIXED WINDOW CAPACITY SEE THIS SHEET FOR MULLION AND MULLION ANCHOR CAPACITY SEE SHEET 4. LOWER DESIGN PRESSURE FROM FIXED WINDOW OR MULLION CAPACITY CHARTS WILL APPLY TO ENTIRE SYSTEM

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.

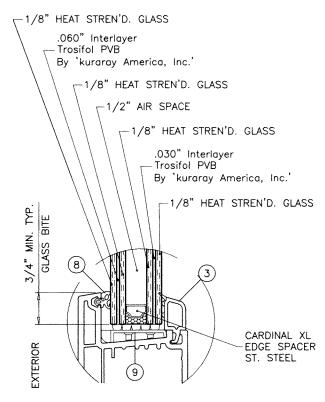
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE

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)'.



GLAZING DETAIL 1-1/16" OVERALL INSUL. LAM. GLASS SEE MULLION LOAD CAPACITY AND MULLION ANCHOR CAPACITY CHARTS FOR WINDOWS WITH HORIZONTAL MULLION (IMPOST) SEE MAXIMUM DESIGN LOADS FOR WINDOWS WITH IMPOST ON 2 OF 5.

> THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT REQD. FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

61" MAX.

WINDOW WIDTH

55 13/16" MAX.

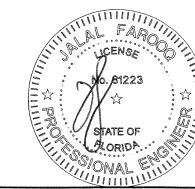
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).

OCT 0 4 2023

PRODUCT REVISED As complying with the Florida Building Code **23-1012.21** NOA-No.

Expiration Date: 09/05/2024

By: Manuel Jeres Miami-Dade Product Control



by description
REV. PER RER COMMENTS
UPDATED TO 2023 FBC B A D 08-28-17 ь<u>у</u>: 유 | 유 drawing

WHITE PVC FIXED WINDOW

Iro Windows, Inc.
lle 16, Lote No. 21
b. Industrial Villa Prades
n Juan. PR 00924
(787) 722-2531 Fax.

Euro Calle 1 Urb. Inc San Jur

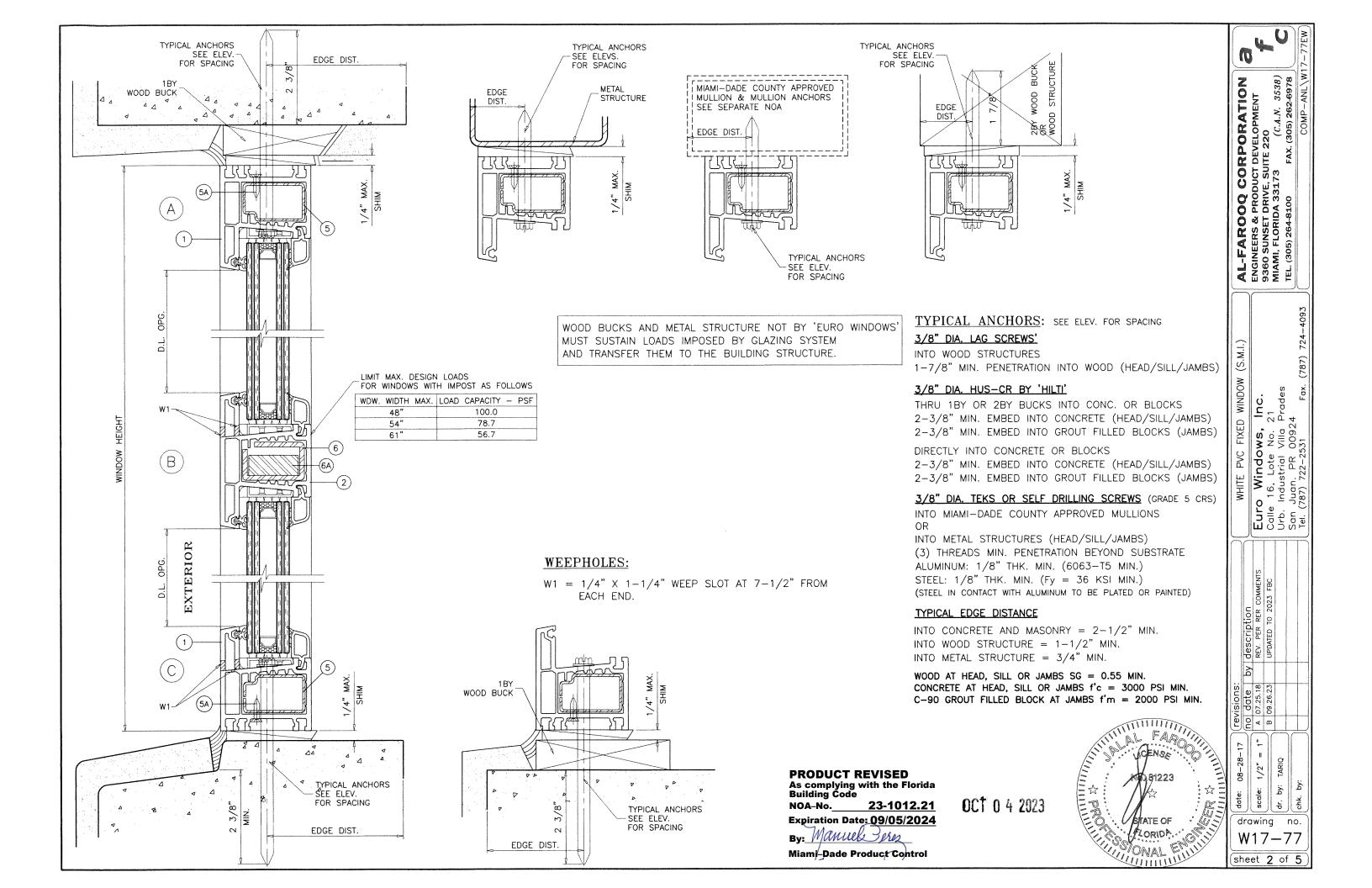
no. W17 - 77

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(C.A.N. 353Ł FAX. (305) 262-697

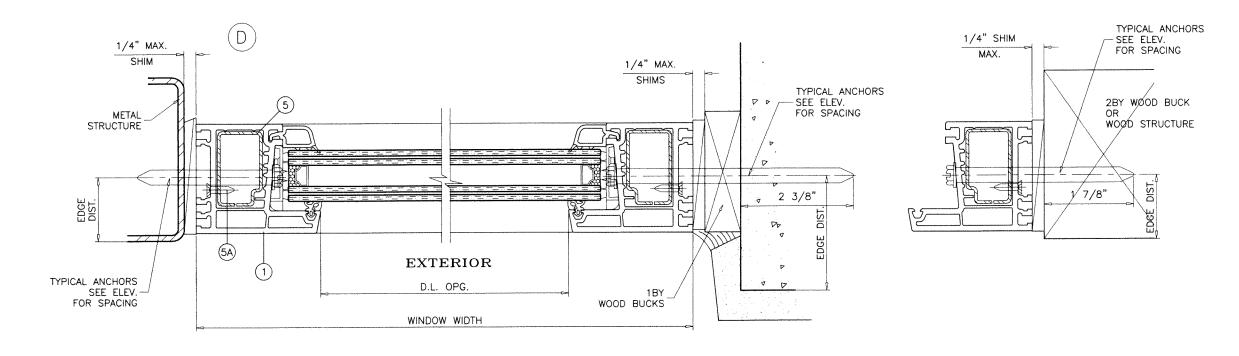
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100

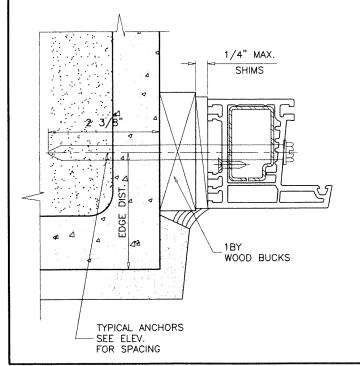
sheet 1 of 5



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	1401	4	WINDOW FRAME	VINYL	KOMMERLING
2	1422.W	AS REQD.	IMPOST (HORIZONTAL MULLION)	VINYL	KOMMERLING
3	2428	4/ LITE	GLAZING BEAD	VINYL	KOMMERLING
4	0481	2/ MULL	MULLION COVER	VINYL	KOMMERLING
5	9203.1	4/ LITE	WINDOW FRAME REINFORCING	GALV. STEEL	KOMMERLING
5A	#8 X 3/4"	4/ SIDE	REINFORCING FASTENERS, AT 3" FROM ENDS AND 14" O.C.	ST. STEEL	FH SELF DRILLING
6	9208.1	2/ MULLION	IMPOST/MULLION REINFORCING	GALV. STEEL	KOMMERLING
6A		2/ MULLION	IMPOST/MULLION REINFORCING	GALV. STEEL	KOMMERLING
7	1234	1/ MULLION	MULLION	GALV. STEEL	JUNCO STEEL
8	9045	4/ LITE	GLAZING GASKET EPDM KOMMER		KOMMERLING
9		2/ LITE	TE SETTING BLOCK EPDM DUROME		DUROMETER 80±5 SHORE A

WHITE PVC EXTRUSIONS TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND 'MDCA'.





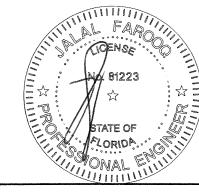
PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. 23-1012.21

Expiration Date: 09/05/2024

By: Manuel Perez

Miami-Dade Product Control

OCT 0 4 2023



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	MOIT A DOCUMENT OF THE MOIT OF		ENGINEERS & PRODUCT DEVELOPMENT	9360 SUNSEI DRIVE, SUITE 220	2712	TEL. (305) 264-8100 FAX. (305) 262-6978	COMP-ANL\W17-
	WHITE PVC FIXED WINDOW (S.M.)		Euro Windows, Inc.	Calle 16, Lote No. 21	Urb. Industrial Villa Prades	San Juan. PR 00924	Tel. (787) 722–2531 Fax. (787) 724–4093
	(revisions:	no date by description		B 09.26.23 UPDATED TO 2023 FBC			
	a date: 08-28-17		Scale: 1/2" = 1"	ng	dr. by: TARIO	no	chk. by:

W17 - 77

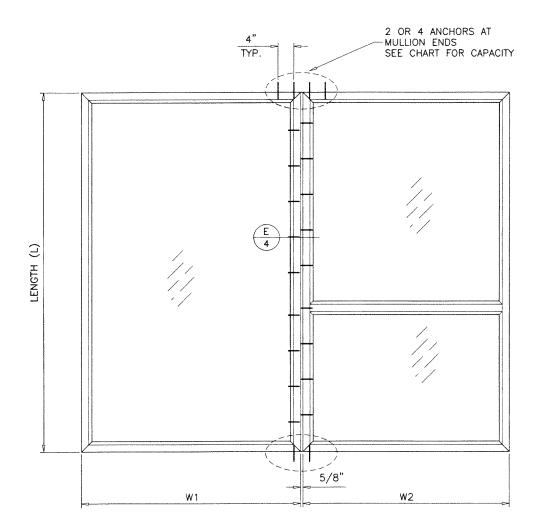
sheet 3 of 5

MULLIO	N LOAD CAP	ACITY -	PSF	MULLION ANCHOR LOAD CAPACITY - PSF						
WINDO	W DIMS.	STEEL MULLION		WINDOW DIMS.		2 ANCHORS		4 ANCHORS		
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	
37"		67.0	100.0	37"		66.6	66.6	67.0	100.0	
43"		67.0	100.0	43"		60.7	60.7	67.0	100.0	
49"	72"	67.0	99.5	49"	72"	56.7	56.7	67.0	100.0	
55"		67.0	88.6	55"		53.9	53.9	67.0	100.0	
61"		67.0	79.9	61"		52.1	52.1	67.0	100.0	
37"		67.0	100.0	37"		59.9	59.9	67.0	100.0	
43"		67.0	96.6	43"		54.3	54.3	67.0	100.0	
49"	78"	67.0	84.8	49"	78"	50.3	50.3	67.0	100.0	
55"		67.0	75.5	55"		47.5	47.5	67.0	94.9	
61"		67.0	68.1	61"		45.5	45.5	67.0	91.0	
37"		67.0	96.8	37"		54.4	54.4	67.0	100.0	
43"		67.0	83.3	43"		49.1	49.1	67.0	98.1	
49"	84"	67.0	73.1	49"	84"	45.2	45.2	67.0	90.5	
55"		65.1	65.1	55"		42.4	42.4	67.0	84.9	
61"		58.7	58.7	61"		40.4	40.4	67.0	80.8	
37"		67.0	84.3	37"		49.8	49.8	67.0	99.7	
43"		67.0	72.5	43"		44.8	44.8	67.0	89.5	
49"	90"	63.7	63.7	49"	90"	41.1	41.1	67.0	82.2	
55"		56.7	56.7	55"		38.4	38.4	67.0	76.7	
61"		51.1	51.1	61"		36.3	36.3	67.0	72.7	
37"		67.0	74.1	37"		46.0	46.0	67.0	92.0	
43"		63.8	63.8	43"		41.2	41.2	67.0	82.3	
49"	96"	56.0	56.0	49"	96"	37.6	37.6	67.0	75.3	
55"		49.8	49.8	55"		35.0	35.0	67.0	70.0	
61"		44.9	44.9	61"		33.0	33.0	66.0	66.0	
37"		65.6	65.6	37"		42.7	42.7	67.0	85.4	
43"		56.5	56.5	43"	***	38.1	38.1	67.0	76.2	
49"	102"	49.6	49.6	49"	102"	34.7	34.7	67.0	69.4	
55"		44.2	44.2	55"		32.2	32.2	64.4	64.4	
61"		39.8	39.8	61"		30.2	30.2	60.5	60.5	

INSTRUCTIONS:

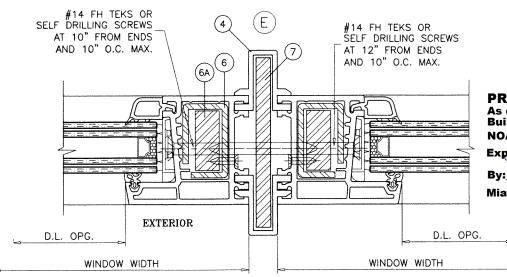
USE CHARTS AS FOLLOWS.

- STEP 1 DETERMINE DESIGN WIND PRESSURE REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2 FOR FIXED WINDOW CAPACITY SEE SHEET 1.
- STEP 3 CHECK MULLION DESIGN LOAD CAPACITY FOR GIVEN WIDTH AND HEIGHT USING CHART ABOVE.
 THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4 USING CHART ABOVE SELECT ANCHOR OPTION WITH DESIGN LOAD CAPACITY MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5 THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THRU STEP 1 SHALL APPLY TO ENTIRE SYSTEM.



TYPICAL ELEVATIONS SIDE BY SIDE WINDOWS SIDE BY SIDE APPLIES TO TWO OR MORE WINDOWS

WIDTH (W) = $\frac{\text{W1 + W2}}{2}$



PRODUCT REVISED
As complying with the Florida
Building Code

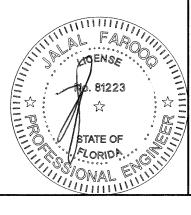
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23-1012.21 Expiration Date: 09/05/2024

By: Manuel Pres

Miami-Dade Product Control

OCT 0 4 2023



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(C.A.N. 3538) FAX. (305) 262-6978 COMP-ANL\W1

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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WHITE PVC FIXED WINDOW Euro Windows, Inc.
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Tel. (787) 722–2531 Fax.

(S.M.I.)

 revisions:
 A date
 by description

 A 07.25.18
 REV. PER RER COMMENTS

 B 09.26.23
 UPDATED TO 2023 FBC

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drawing no. W17 - 77

sheet 4 of 5

