

#### DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION NOTICE OF ACCEPTANCE (NOA)

Reylos Glass Impact System Manufacturing, LLC. 12400 SW 134<sup>th</sup> Court, Suite 14 Miami, FL 33186

## 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 "Reylos 100" Aluminum Single Hung Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **W14-17**, titled "Series-Reylos 100 Alum Single Hung Wdw. (L.M.I)", sheets 1 through 4 of 4, dated 04/08/14, with revision **D** dated 10/11/23, 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 and renews NOA No. 21-0106.04 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.



10/18/23

NOA No. 23-0921.02 Expiration Date: July 31, 2029 Approval Date: October 26, 2023 Page 1

## **Reylos Glass Impact System Manufacturing, LLC**

## **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.14-0515.03)*
- Drawing No. W14-17, titled "Series-100 Alum Single Hung Wdw. (L.M.I.)", sheets 1 through 4 of 4, dated 04/08/14, with revision C dated 12/23/20, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No.21-0106.04)

## **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) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94

along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7608**, dated 03/20/14, signed and sealed by Marlin Brinson, P.E. *(Submitted under NOA No.14-0515.03)* 

## C. CALCULATIONS

 Anchor verification calculations and structural analysis, complying with FBC 6<sup>th</sup> Edition (2017), dated 08/28/18 and updated on 12/22/20 to comply with FBC 7<sup>th</sup> Edition (2020), prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.

(Submitted under NOA No.21-0106.04)

- 2. Glazing complies with ASTM E1300-09
- **D. QUALITY ASSURANCE** 
  - 1. Miami–Dade Department of Regulatory and Economic Resources (RER).

## E. MATERIAL CERTIFICATIONS

1. 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.

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Manuel Perez, P.E. Product Control Examiner NOA No. 23-0921.02 Expiration Date: July 31, 2029 Approval Date: October 26, 2023

## **Reylos Glass Impact System Manufacturing, LLC**

## **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

## 1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)

## F. STATEMENTS

Statement letter of conformance, complying with FBC 6<sup>th</sup> Edition (2017), with FBC 7<sup>th</sup> Edition (2020) and of no financial interest, dated December 22, 2020, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. (Submitted under NOA No.21-0106.04)

## G. OTHERS

1. Notice of Acceptance No. **19-0606.02**, issued to WindCalm Windows & Doors, Inc. for their Series "100" Aluminum Single Hung Window - L.M.I., approved on 07/03/19 and expiring on 07/31/24.

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Manuel Perez, P.E. Product Control Examiner NOA No. 23-0921.02 Expiration Date: July 31, 2029 Approval Date: October 26, 2023

# **NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

## 2. NEW EVIDENCE SUBMITTED

## A. DRAWINGS

1. Drawing No. W14-17, titled "Series-Reylos 100 Alum Single Hung Wdw. (L.M.I.)", sheets 1 through 4 of 4, dated 04/08/14, with revision **D** dated 10/11/23, 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. 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

- Statement letter of conformance, complying with FBC 7<sup>th</sup> Edition (2020), with FBC 8<sup>th</sup> Edition (2023) and of no financial interest, dated September 18, 2023, issued by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
- 2. Assignment and Transfer Agreement dated September 15, 2023, signed by Mr. Miguel Rodriguez for Windcalm Windows & Doors, Inc. and Mr. Raul Losada for Reylos Glass Impact System Manufacturing, LLC.
- 3. Letter from owners of existing NOA stating that they have sold all assets to the applicant, that they no longer manufacture the product and relinquish their rights to the current NOA, dated October 12, 2023, signed by Mr. Miguel Rodriguez, President of Windcalm Windows & Doors, Inc.

## G. OTHERS

- 1. Notice of Acceptance No. **21-0106.04**, issued to WindCalm Windows & Doors, Inc. for their Series "100" Aluminum Single Hung Window L.M.I., approved on 04/08/21 and expiring on 07/31/24.
- 2. Notice of Acceptance No. 22-1110.01, issued to Reylos Glass, Inc. for their Series "Reylos 100" Aluminum Single Hung Window L.M.I., approved on 12/01/22 and expiring on 07/31/24.

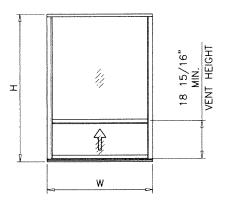
Manuel Perez, P.F

Manuel Perez, P.E. Product Control Examiner NOA No. 23-0921.02 Expiration Date: July 31, 2029 Approval Date: October 26, 2023

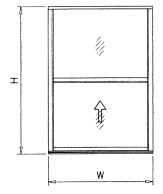
EQUAL LITES WINDOWS DESIGN LOAD CAPACITY - PSF					
WINDOW	DIMS.	5/16" LA	*****		
WIDTH	HEIGHT	EXT.(+)	1NT.(-)		
19-1/8"		70.0	70.0		
26-1/2"	26"	70.0	1NT.(-) 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70.		
37"	(4)	70.0			
48"	(')	70.0	70.0		
53-1/8"		70.0	70.0		
19-1/8"		70.0	70.0		
26-1/2"	38-3/8"	70.0	70.0		
37"	(5)	70.0	70.0		
48"	(0)	70.0	70.0		
53-1/8"		70.0	70.0		
19-1/8"		70.0	70.0		
26-1/2"	50-5/8"	70.0	70.0		
37"	(6)	70.0	70.0		
48"	(0)	70.0	70.0		
53-1/8"		70.0	70.0		
19-1/8"		70.0	70.0		
26-1/2"	F0"	70.0	70.0		
37"	59" (7)	70.0	70.0		
48"	()	70.0	70.0		
53-1/8"		70.0	70.0		
19-1/8"		70.0	70.0     70.0		
26-1/2"	63"	70.0	70.0		
37"		70.0	70.0		
48"	(7)	70.0	70.0		
53-1/8"		69.1	69.1		
19-1/8"		70.0	70.0		
26-1/2"		70.0	70.0		
37"	74"	70.0	70.0		
48"	(8)	70.0	70.0		
53-1/8"		68.6	68.6		
19-1/8"		70.0	70.0		
26-1/2"	74-1/4"	70.0	70.0		
37"	(8)	70.0	70.0		
48"	:	70.0	70.0		

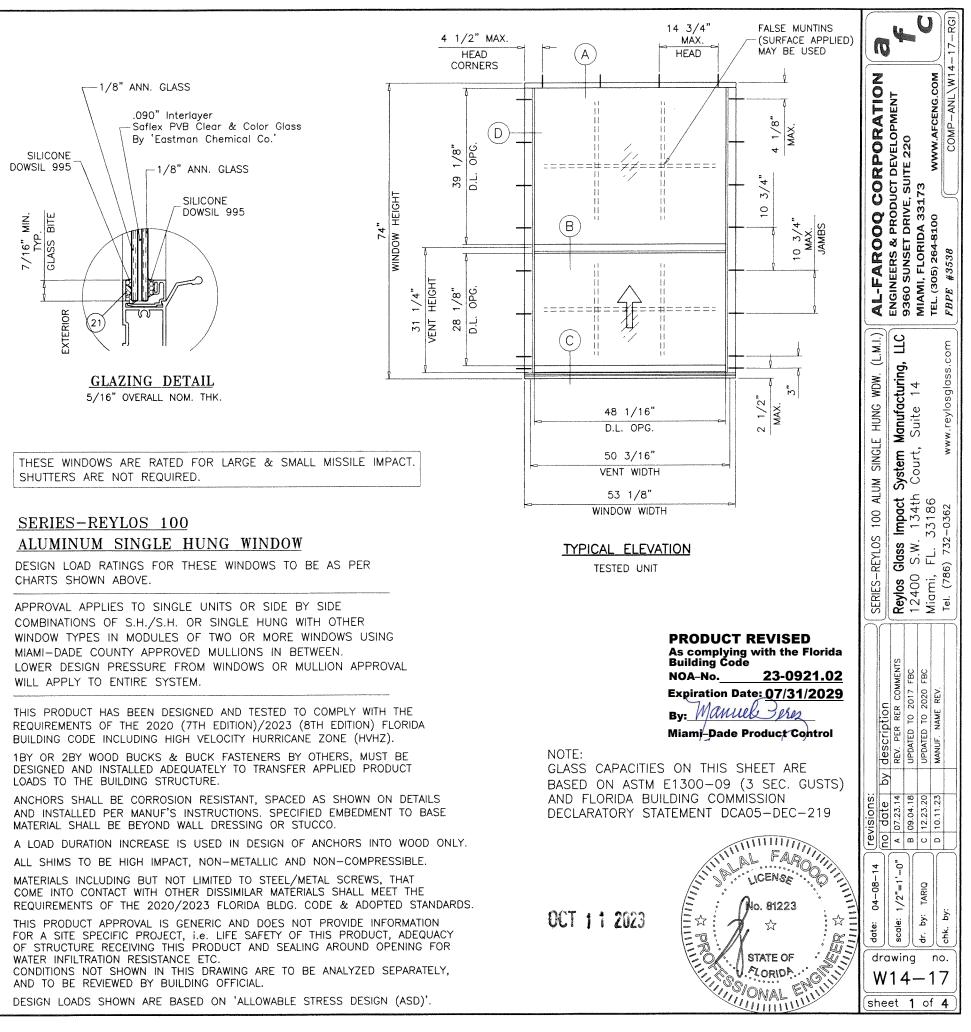
UNEQUAL DESIGN	LITES (OR LOAD CAI					
WINDOW	DIMS.	5/16" LAM. GLASS				
WIDTH	HEIGHT	EXT.(+)	1NT.(-)			
19-1/8"		70.0	70.0			
26-1/2"	50-5/8" (6)	70.0	70.0			
37"		70.0	70.0			
48"	(6)	70.0	70.0			
53-1/8"		70.0	70.0			
19-1/8"		70.0	70.0			
26-1/2"	59" (7)	70.0	70.0			
37"		70.0	70.0			
48"		70.0	70.0			
53-1/8"		70.0	70.0			
19-1/8"		70.0	70.0			
26-1/2"	63"	70.0	70.0			
37"	(7)	70.0	70.0			
48"		70.0	70.0			
19-1/8"		70.0	70.0			
26-1/2"	74"	70.0	70.0			
37"	(8)	70.0	70.0			
19-1/8"	74 1/4"	70.0	70.0			
26-1/2"	74-1/4"	70.0	70.0			
37"	(8)	70.0	70.0			

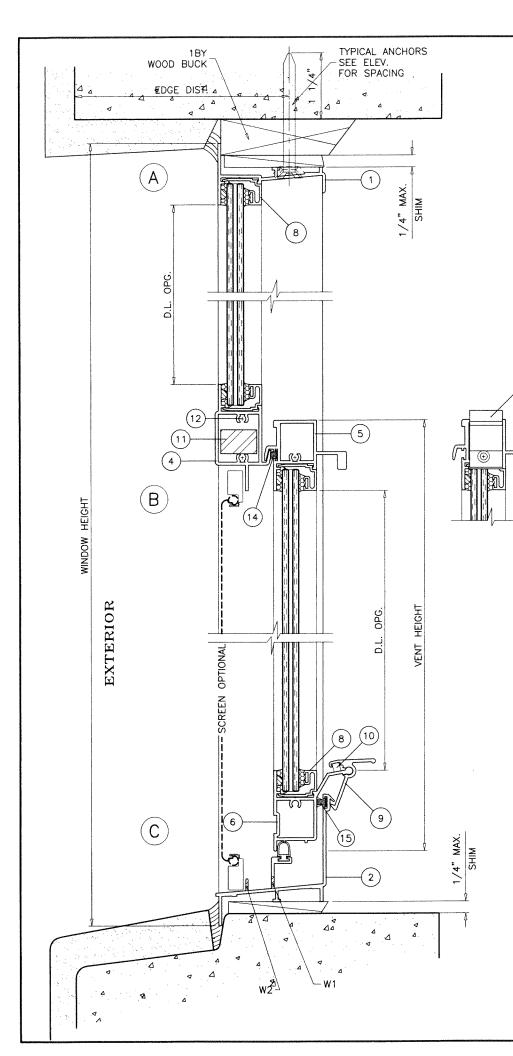
NO. OF ANCHORS PER JAMB.

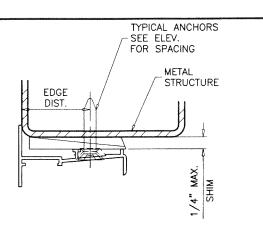


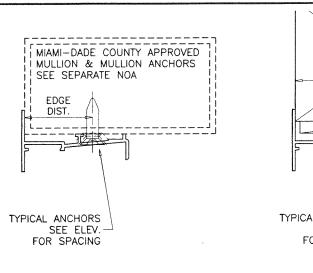
NUMBER IN PARENTHESIS INDICATE MIN. NO. OF ANCHORS PER JAMB.











# TYPICAL ANCHORS: SEE ELEV. FOR SPACING

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

THRU 1BY BUCKS INTO CONC. OR BLOCKS 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS AND

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)

#### CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN. INTO WOOD STRUCTURE = 1" MIN. INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

## SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SEAM SEALER SM5504.

NOA-No.

## **WEEPHOLES:**

W1 = 1" X 3/8" WEEPHOLES AT 2-3/4" FROM EACH END  $W_2 = 1$ " LONG NOTCH AT EACH END

**PRODUCT REVISED** 

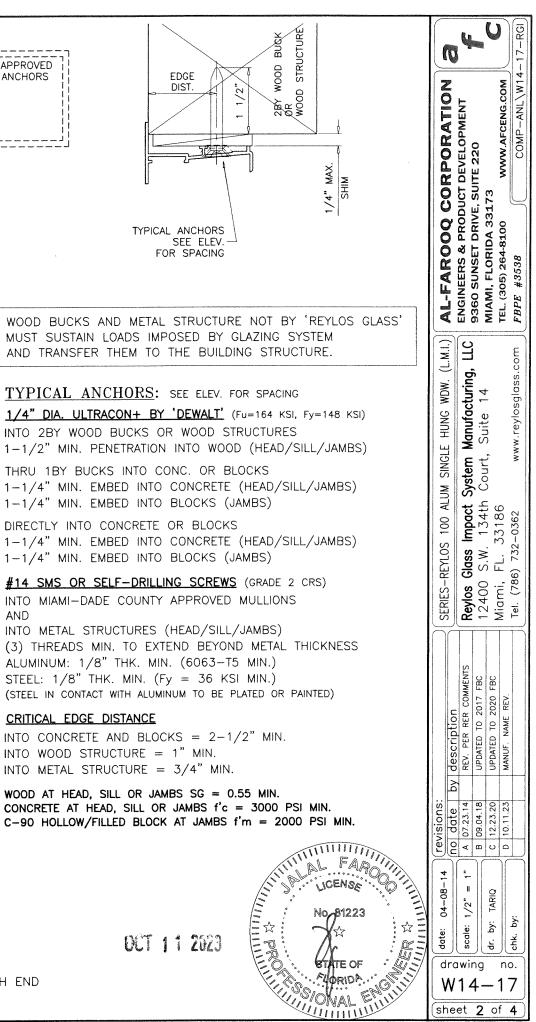
By: Manuel Peres

As complying with the Florida Building Code

Expiration Date: 07/31/2029

Miami-Dade Product Control

23-0921.02



					1		
	ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS	
	1	VW-101	1	FRAME HEAD	6063-T6		0
	2	VW-102	1	FRAME SILL	6063-T6		7
	3	VW-103	2	FRAME JAMB	6063-T6		OOQ CORPORATION & PRODUCT DEVELOPMENT ET DRIVE, SUITE 220 RIDA 33173
	4	VW-104	1	FIXED MTG. RAIL	6063-T5	-	E N
	5	VW-110	1	H.D. VENT TOP RAIL	6063-T6		N MA
	6	VW-106	1	VENT BOTTOM RAIL	6063-T6		VELOPN 220
	7	VW-107	2	VENT SIDE RAIL	6063-T6	-	
	8	VW-120	AS RQD.	GLAZING BEAD	6063-T6	_	
	9	VW-108	2/VENT	VENT LATCH @ 8" FROM ENDS	6063-T6		U D D U H
	10	VW-116	1/LATCH	LATCH SPRING	ST. STEEL	-	
MIAMI-DADE COUNTY	11	-	1	FIXED MTG. RAIL REINFORCING	STEEL	_	
APPROVED_MULLION TYPICAL ANCHORS	12	#8 X 1"	20	FRAME & VENT ASSEMBLY SCREWS	CRS	PH SMS	RS & SET & ORIT
SEE SEPARATE NOA / SEE ELEV. FOR SPACING	13	VW-109	2/VENT	SASH CAM CLIP	6063-T5		
	14	W22184NG		PILE W'STRIPPING WITH PLASTIC FIN	_	SCHLEGEL	AL-FAROOQ ( ENGINEERS & PROD 9360 SUNSET DRIVE MIAMI, FLORIDA 333
	15	W22254NG	AS REQD.	PILE W'STRIPPING WITH PLASTIC FIN	_	SCHLEGEL	MA B B B B B B B B B B B B B B B B B B B
				PILE W'STRIPPING WITH PLASTIC FIN	-	SCHLEGEL	·
	17	-	2/VENT	BLOCK & TACKLE BALANCE			<b>9. LLC</b>
	18	_	2	SASH STOP	RIGID PVC	_	
	19	VW-112	-	VENT JAMB LINER	RIGID PVC		WDW. turin 14
	20		1	5/16" BOX SCREEN		OPTIONAL	
	21		AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE	HUNG anufa
	22	VW-115	AS REQD.	SCREEN ADAPTER	RIGID PVC	_	UM SINGLE H System Mai Court, St
SHIM 17 1978 11/2" 5 6 7 8 6 7 7 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	1/4" MAX. SHIMS		PICAL ANCHO E ELEV. R SPACING	DRS 	1/8" SI	TYPICAL ANCHORS SEE ELEV. FOR SPACING	tion RER COMMENTS TO 2017 FBC TO 2007 FBC TO 2020 FBC
	DIST	1BY WOOD E	BUCKS		EDGE		by descrip REV. PER UPDATED
		· 	BUCKS		<u>y</u>	METAL STRUCTURE	14 revisions:   1a no date by description   1a 07.23.14 REV. PER RER COMMENTS   1b 09.04.18 UPDATED TO 2017 FBC   1c 112.24.20 LIPDATED TO 2007 FBC

