

## Pocahontas Aluminum Company, Inc.

PO Box 756, 2001 Industrial Drive Pocahontas, AR 72455, USA

Certification ID:	757-126
Company Code:	757
Certification Date:	12/14/2015
Revision No:	1
Revision Date:	10/16/2023
Expiration Date:	11/30/2026

### **Product Rating Information:**

Model:	100 VS Aluminum \	ertical Sliding Wind	ow	
Operator Type:	VS			
Configuration:	No			
Referenced Standard:	AAMA 1701.2-12 /	FMHC&S Std. 3280.4	403	
Product Rating:	Wind Zone I @ +25	/-12.5 psf, 40x63		
Rated Dimensions:	Max Width:	40 in	Max Height:	63 in

### **Qualifying Test Information:**

Test Report No:	ATI-F3051.01-801-44
Test Report Expiration:	11/30/2026

This Certification Authorization Report (CAR) is issued by Keystone Certifications, Inc. (KCI) after full validation review, and is based on a standardized evaluation of the product conducted by an independent accredited laboratory in accordance with the specified referenced standard. Actual fenestration product performance may vary based on many factors, including installation, condition of the wall/roof substrate and the age of the product and installation components.

This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization. Only products bearing such a certification label shall be considered certified. The information in this report can be verified at www.keystonecerts.com



**Authorized By:** 

Shaun Shaull Shaun Shaull 2023.10.16 07:58:17 -04'00' Keystone Certifications, Inc. 145 Limekiln Rd, Suite 100B New Cumberland, PA 17070 Phone: 717-932-8500



# **Revision History**

0 12/14/2015 Initial Issuance. 1 10/16/2023 Granted 3 Year Extension.	Rev#	Date	Description
1 10/16/2023 Granted 3 Year Extension.	0	12/14/2015	Initial Issuance.
	1	10/16/2023	Granted 3 Year Extension.

Doc No: FRM B1-02 Rev No: 10 Rev Date 8/30/2022 <u>www.keystonecerts.com</u> Page 2 of 2



## Pocahontas Aluminum Company, Inc.

PO Box 756, 2001 Industrial Drive Pocahontas, AR 72455, USA

Certification ID:	757-127
Company Code:	757
Certification Date:	12/14/2015
Revision No:	1
Revision Date:	10/16/2023
Expiration Date:	11/30/2026

#### **Product Rating Information:**

Model:	100 VS Aluminum V	ertical Sliding Wind	ow	
Operator Type:	VS			
Configuration:	No			
Referenced Standard:	AAMA 1701.2-12 /	FMHC&S Std. 3280.4	403	
Product Rating:	Wind Zone III @ 48	psf, 36x36		
Rated Dimensions:	Max Width:	36 in	Max Height:	36 in

### **Qualifying Test Information:**

Test Report No:	ATI-F3051.01-801-44
Test Report Expiration:	11/30/2026

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Shaun Shaull Shaun Shaull 2023.10.16 08:00:21 -04'00'

Keystone Certifications, Inc. 145 Limekiln Rd, Suite 100B New Cumberland, PA 17070 Phone: 717-932-8500



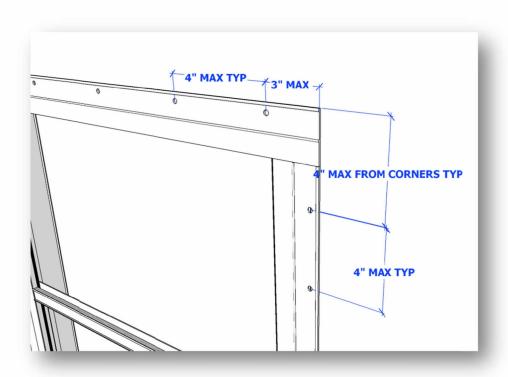
# **Revision History**

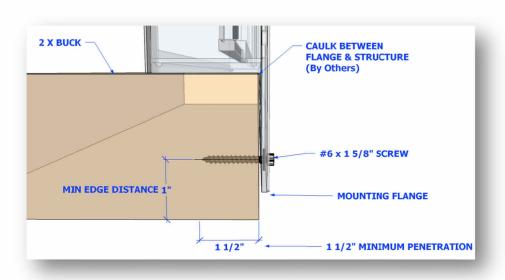
0 12/14/2015 Initial Issuance. 1 10/16/2023 Granted 3 Year Extension.	Rev#	Date	Description
1 10/16/2023 Granted 3 Year Extension.	0	12/14/2015	Initial Issuance.
	1	10/16/2023	Granted 3 Year Extension.

Doc No: FRM B1-02 Rev No: 10 Rev Date 8/30/2022 <u>www.keystonecerts.com</u> Page 2 of 2

## **INSTALLATION METHOD ALUMINUM NON-INSULATED ELEVATION & ANCHOR LAYOUT** 41 3/4" MAX WIDTH **MAX D.L.O. HEIGHT 29 7/8'** 39" MAX D.L.O WIDTH 64 5/8" MAX HEIGHT MAX SASH HEIGHT 31 3/4" -39 1/2" MAX SASH WIDTH 4" MAX TYP 3" MAX FROM CORNERS TYP **₹3**"★ 4" MAX TYP 3" MAX FROM **CORNERS TYP** INSTALLATION **ANCHOR** 4" 4" MAX FROM **CORNERS TYP REVISIONS** SCALE: NTS COPYING OR INSTALLATION METHOD **DUPLICATION IS** ALUMINUM NON-INSULATED NO. DESCRIPTION DATE **DWN BY: AMM** PROHIBITED WITHOUT **ELEVATION & ANCHOR LAYOUT** WRITTEN PREMISSION PREPARED BY: FROM POCAHONTAS CHK BY: KEA POCAHONTAS ALUMINUM COMPANY, INC. ALUMINUM 2001 INDUSTRIAL DRIVE COMPANY, INC. DATE: 10/13/15 POCAHONTAS, AR 72455 PH: 870-892-3689 FAX: 870-892-9858

# INSTALLATION METHOD ALUMINUM NON-INSULATED ELEVATION & ANCHOR LAYOUT





SCALE: NTS	
DWN BY: AMM	ŀ
CHK BY: KEA	l
DATE: 10/13/15	l

TITLE:
INSTALLATION METHOD
ALUMINUM NON-INSULATED
<b>ELEVATION &amp; ANCHOR LAYOUT</b>
PREPARED BY:

PREPA	RED BY:
POCAHONTAS ALUM	INUM COMPANY, INC.
2001 INDU	STRIAL DRIVE
POCAHONT	AS, AR 72455
H- 870-892-3689	FAX: 870-892-985

	REVISIONS		
NO.	DESCRIPTION	ву	DATE

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## Pocahontas Aluminum Company, Inc.

PO Box 756, 2001 Industrial Drive Pocahontas, AR 72455, USA

Certification ID:	757-128
Company Code:	757
Certification Date:	12/14/2015
Revision No:	1
Revision Date:	10/16/2023
Expiration Date:	11/30/2026

#### **Product Rating Information:**

Model:	100 VS Aluminum V	ertical Sliding Wind	ow	
Operator Type:	VS			
Configuration:	No			
Referenced Standard:	AAMA 1701.2-12 /	FMHC&S Std. 3280.4	403	
Product Rating:	Wind Zone III @ 58	psf, 30x30		
Rated Dimensions:	Max Width:	30 in	Max Height:	30 in

## **Qualifying Test Information:**

Test Report No:	ATI-F3051.01-801-44
Test Report Expiration:	11/30/2026

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**Authorized By:** 

Shaun Shaull 5 haun Shaull 2023.10.16 08:02:41 -04'00' Keystone Certifications, Inc. 145 Limekiln Rd, Suite 100B New Cumberland, PA 17070 Phone: 717-932-8500



# **Revision History**

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Doc No: FRM B1-02 Rev No: 10 Rev Date 8/30/2022 <u>www.keystonecerts.com</u> Page 2 of 2



## Pocahontas Aluminum Company, Inc.

PO Box 756, 2001 Industrial Drive Pocahontas, AR 72455, USA

Certification ID:	757-131
Company Code:	757
Certification Date:	1/4/2016
Revision No:	1
Revision Date:	10/16/2023
Expiration Date:	11/30/2026

#### **Product Rating Information:**

Model:	100 VS Aluminum \	ertical Sliding Wind	ow	
Operator Type:	VS			
Configuration:	No			
Referenced Standard:	AAMA/WDMA/CSA 101/I.S.2/A440-08			
Product Rating:	Class R-PG15 762x762* (30x30*)-VS, DP=+/-35			
Rated Dimensions:	Max Width:	30 in	Max Height:	30 in

### **Qualifying Test Information:**

Test Report No:	ATI-F3051.01-801-44/ATI-95537.02-801-44
Test Report Expiration:	11/30/2026

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**Authorized By:** 

Shaun Shaull Shaun Shaull 2023.10.16 07:56:09 -04'00' Keystone Certifications, Inc. 145 Limekiln Rd, Suite 100B New Cumberland, PA 17070 Phone: 717-932-8500



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	1	10/16/2023	Granted 3 Year Extension.

Doc No: FRM B1-02 Rev No: 10 Rev Date 8/30/2022 <u>www.keystonecerts.com</u> Page 2 of 2

# **INSTALLATION METHOD ALUMINUM NON-INSULATED ELEVATION & ANCHOR LAYOUT** 30" MAX WIDTH **30" MAX HEIGHT** 8" MAX TYP 4" MAX FROM <u>₹4"</u>₹ **CORNERS TYP** 8" MAX TYP **INSTALLATION ANCHOR** 4" 4" MAX FROM **CORNERS TYP REVISIONS** SCALE: NTS COPYING OR ALL DIMENSIONS: +/- ¼" INSTALLATION METHOD **DUPLICATION IS** ALUMINUM NON-INSULATED NO. DESCRIPTION BY DATE **DWN BY: AMM** PROHIBITED WITHOUT **ELEVATION & ANCHOR LAYOUT** WRITTEN PREMISSION PREPARED BY: FROM POCAHONTAS **CHK BY: KEA** POCAHONTAS ALUMINUM COMPANY, INC. ALUMINUM 2001 INDUSTRIAL DRIVE COMPANY, INC.

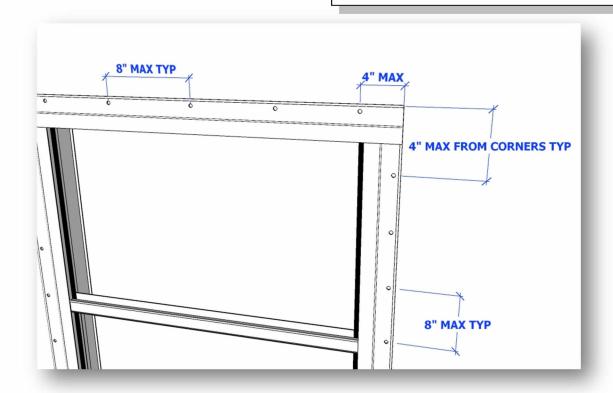
DATE: 10/13/15

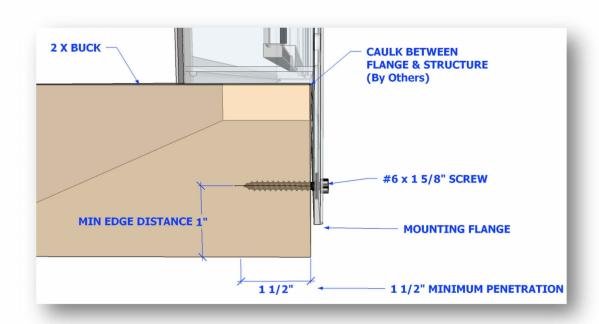
POCAHONTAS, AR 72455

FAX: 870-892-9858

PH: 870-892-3689

# INSTALLATION METHOD ALUMINUM NON-INSULATED ELEVATION & ANCHOR LAYOUT





SCALE: NTS DIMENSIONS: +/- ¼"
DWN BY: AMM
CHK BY: KEA
DATE: 10/13/15

TITLE:	
INSTALLATION METHOD	
ALUMINUM NON-INSULATED	
<b>ELEVATION &amp; ANCHOR LAYOUT</b>	

PREPAR	RED BY:
OCAHONTAS ALUMII	NUM COMPANY, INC.
2001 INDUS	TRIAL DRIVE
<b>POCAHONTA</b>	S, AR 72455
870-892-3689	FAX: 870-892-9858

		REVISIONS		
	NO.	DESCRIPTION	ву	DATE
1				
I				

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### **TEST REPORT**

**Report No.**: F3051.01-801-44

### Rendered to:

POCAHONTAS ALUMINUM COMPANY, INC. Pocahontas, Arkansas

**PRODUCT TYPE**: Vertical slider **SERIES/MODEL**: 100

### **SPECIFICATION:**

AAMA 1701.2-02, Voluntary Standard for Utilization in Manufactured Housing for Primary Windows and Sliding Glass Doors.

**Test Date**: 11/14/15

**Report Date**: 11/30/15

**Record Retention End Date:** 11/14/19





Report No. F3051.01-801-44 Record Retention End Date: 11/14/19

Page 1 of 8

**1.0 Report Issued To**: Pocahontas Aluminum Company, Inc.

2001 Industrial Drive P.O Box 756 Pocahontas, Arkansas 72455

**2.0 Test Laboratory**: Intertek-ATI

1909 10th Street Suite 100

Plano, Texas (469) 814-0687

### **3.0 Project Summary**:

**3.1 Product Type**: Aluminum Vertical Slider

**3.2 Series/Model**: 100

**3.3 Compliance Statement**: Results obtained are tested values and were secured by using the designated test method(s). The sample tested successfully met the performance requirements listed in the referenced specification(s).

**3.4 Test Date**: 11/14/2015

**3.5 Test Record Retention End Date**: All test records for this report will be retained until November 14, 2019.

**3.6 Test Location**: Intertek-ATI testing facility in Plano, Texas.

**3.7 Test Sample Source**: The test specimen was provided by the client.

3.8 List of Official Observers:

<u>Name</u> <u>Company</u>

Clint Barnett Architectural Testing, Inc.

Ken Akins Pocahontas Aluminum Company





Record Retention End Date: 11/14/19 Page 2 of 8

## **4.0 Test Specification(s)**:

AAMA 1701.2-02, Voluntary Standard for Utilization in Manufactured Housing for Primary Windows and Sliding Glass Doors.

## **5.0 Test Specimen Description:**

### **5.1 Product Sizes**:

Test Specimen #1

1 est speemen #1					
Overall Area:	Width		Height		
$1.6 \text{ m}^2 (17.5 \text{ ft}^2)$	millimeters	inches	millimeters	inches	
Overall size	1016	40	1600	63	
Sash	1010	39-3/4	813	32	
Screen	1003	39-1/2	800	31-1/2	

Test Specimen #2

rest opecimen #2				
Overall Area:	Width		Height	
0.83 m <sup>2</sup> (9 ft <sup>2</sup> )	millimeters	inches	millimeters	inches
Overall size	1168	36	686	36
Sash	591	35-3/4	629	18-1/2
Screen	902	35-1/2	464	18-1/4

**Test Specimen #3** 

Overall Area:	Width		Height	
0.58 m <sup>2</sup> (6.25 ft <sup>2</sup> )	millimeters	inches	millimeters	inches
Overall size	762	30	762	30
Sash	737	29	394	15-1/2
Screen	730	28-3/4	381	15





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#### **5.0 Test Specimen Description**: (Continued)

## **5.2 Frame Construction**:

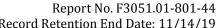
Frame Member	Material	Description
All members	Mill finish aluminum	Extruded

	Joinery Type	Detail
Frame corners	Coped and butted	Coped, butted, sealed, and fastened using one #6 x 1" Phillips pan head screw
Fixed interlock	Coped and butted	Fastened to each jamb using one #6 x 1/2" pan head screw

## **5.3 Sash Construction**:

Sash Member	Material	Description
All members	Mill finish aluminum	Extruded

	Joinery Type	Detail
All corners	Coped and butted	Coped, butted, sealed, and fastened using one #6 x 1" Phillips pan head screw







Record Retention End Date: 11/14/19 Page 4 of 8

## **5.0 Test Specimen Description**: (Continued)

## **5.4 Weatherstripping:**

Description	Quantity	Location
0.187" x 0.270" pile with fin	2 rows	Exterior face of stiles
0.100" x 0.152" vinyl fin	1 row	Sash top rail, inside of interlock
0.100" x 0.375" vinyl bulb	1 row	Sash bottom rail

**5.5 Glazing**: No conclusions of any kind regarding the adequacy or inadequacy of the glass in any glazed test specimen(s) can be made.

Glass Type	Glazing	Glazing Method
Monolithic	3/32 Annealed	Interior Wet Glazed

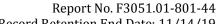
Location	Quantity	Dayligh	Daylight Opening		
Location	Quantity	millimeters	inches	Glass Bite	
Sash Specimen # 1	1	981 x 759	38-5/8 x 29-7/8	0.50	
Fixed lite Specimen# 1	1	981 x 759	38-5/8 x 29-7/8	0.50	
Sash Specimen # 2	1	864 x 419	34 x 16-1/2	0.50	
Fixed lite Specimen# 2	1	864 x 419	34 x 16-1/2	0.50	
Sash Specimen # 3	1	864 x 419	28 x 13-1/4	0.50	
Fixed lite Specimen# 3	1	864 x 419	28 x 13-1/4	0.50	

## 5.6 Drainage:

<b>Drainage Method</b>	Size	Quantity	Location
Weep notch	3/16" x 1-5/8"	2	Exterior sill leg, 7/8" on center
weep noten	3/16" x 1-5/8"	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	spacing from outside edge of jambs.

### **5.7** Hardware:

Description	Quantity	Location
Spring latches	2	Each end of sash
Vinyl sash guides	4	Top and bottom of each stile







Record Retention End Date: 11/14/19 Page 5 of 8

#### **Test Specimen Description**: (Continued) **5.0**

### 5.8 Screen

Frame Material	<b>Corner Construction</b>	Mesh Type
Aluminum	Plastic corner keys	Fiberglass

## **6.0 Installation**:

The specimen was installed into a Spruce-Pine-Fir wood buck. The rough opening allowed for a 1/4" shim space.

Location	Anchor Description	Anchor Location
Nailing flange	#6 x 1-5/8" screw	4" from each corner and 8"
		on center thereafter





**7.0 Test Results**: The temperature during testing was 27°C (70°F). The results are tabulated as follows:

Test Specimen #1 40 x 63

Title of Test	Results	Allowed	Note
Structural Performance,			
per ASTM E 330			
+1190 Pa (+25.0 psf)			
-595 Pa (-12.5 psf)	Pass	No damage	2, 3
Air Leakage,			
per ASTM E 283	$0.76 \text{ L/s/m}^2$	2.5 L/s/m <sup>2</sup>	
at 75 Pa (1.57 psf)	$(0.15 \text{ cfm/ft}^2)$	$(0.5 \text{ cfm/ft}^2) \text{ max.}$	
Water Penetration,			
per ASTM E 547			
at 140 Pa (2.92 psf)	Pass	No leakage	1

Test Specimen #2 36 x 36

Title of Test	Results	Allowed	Note
Optional Performance (24 CFR 3280.305(c))			
Uniform Load Structural,			
per ASTM E 330			
+2298 Pa (+48.00 psf)			
-2298 Pa (-48.00 psf)	Pass	No damage	2, 3

Test Specimen #3 30 x 30

Title of Test	Results	Allowed	Note
Optional Performance (24 CFR 3280.305(c))			
Uniform Load Structural,			
per ASTM E 330			
+2777 Pa (+58.00 psf)			
-2777 Pa (-58.00 psf)	Pass	No damage	2, 3

Note 1: With and without insect screen.

Note 2: Loads were held for 10 seconds.

Note 3: Tape and film were used to seal against air leakage during structural testing. In our opinion, the tape and film did not influence the results of the test.





Report No. F3051.01-801-44 Record Retention End Date: 11/14/19

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Architectural Testing will service this report for the entire test record retention period. Test records that are retained such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation will be retained by Architectural Testing, Inc. for the entire test record retention period.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimen(s) tested. This report may not be reproduced, except in full, without the written approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, Inc.		
Clint Barnett	Andy Cost	
Technician	Laboratory Manager	
CB:ac		
Attachments (pages): This report is complete o	nly when all attachments listed are included.	

Appendix-A: Drawing(s) (9) Complete drawings packet on file with Architectural Testing, Inc.





Report No. F3051.01-801-44 Record Retention End Date: 11/14/19 Page 8 of 8

## APPENDIX A

**Drawings** 

