

| | | | | |
|---|--|-----------|------------------|-------|
|  | Document Title: | Doc No: | FRM B1-02 | |
| | Structural Performance Certification Authorization Report | Rev No: 7 | Page: 1 | Of: 1 |
| Required By: PRO B1-03 | | | | |

CAR & Product ID Number: 757 - 105.0
 Issue Date: 7/8/2013
 Revision Date: 3/19/2019
 Expiration Date: 4/20/2024
 Company Code: 757

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.

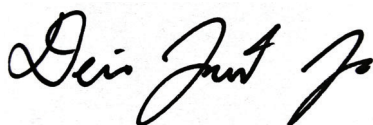
This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization.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

| Licensee Information: | Product Information: |
|---|---|
| Pocahontas Aluminum Company, Inc. 2001 Industrial Drive, PO Box 756 Pocahontas, AR 72455 USA | Model: PI46 PVC NC Picture Window Operator Type: FW Config: No Max Width: 60 Max Height: 84 |

| Referenced Standard: | Product Rating: |
|---------------------------------|--|
| AAMA/WDMA/CSA 101/I.S.2/A440-08 | Class R-PG50 1524x2134 (60x84)-Type FW |

| Qualifying Test Information: | |
|------------------------------|---------------------|
| Test Report No: | ATI-A9289.06-501-47 |
| Test Report Expiration: | 4/20/2024 |

Authorized Signature:



Dennis Fassnacht Jr.
 2019.03.19 14:06:06
 -04'00'

Keystone Certifications, Inc.
 145 Limekiln Rd. Suite 100B
 New Cumberland, Pennsylvania 17070
 Phone: 717-932-8500
 Fax: 717-932-8501

| | | | | |
|---|--|-----------|------------------|-------|
|  | Document Title: | Doc No: | FRM B1-02 | |
| | Structural Performance Certification Authorization Report | Rev No: 7 | Page: 1 | Of: 1 |
| Required By: PRO B1-03 | | | | |

CAR & Product ID Number: 757 - 106.0
 Issue Date: 7/8/2013
 Revision Date: 3/19/2019
 Expiration Date: 4/20/2024
 Company Code: 757

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.

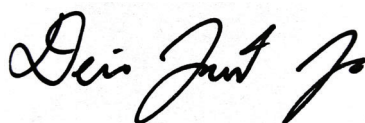
This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization.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

| Licensee Information: | Product Information: |
|---|--|
| Pocahontas Aluminum Company, Inc. 2001 Industrial Drive, PO Box 756 Pocahontas, AR 72455 USA | Model: PI46 PVC Rep Picture Window Operator Type: FW Config: No Max Width: 60 Max Height: 84 |

| Referenced Standard: | Product Rating: |
|---------------------------------|--|
| AAMA/WDMA/CSA 101/I.S.2/A440-08 | Class R-PG50 1524x2134 (60x84)-Type FW Neg DP=55 |

| Qualifying Test Information: | |
|------------------------------|---------------------|
| Test Report No: | ATI-A9289.06-501-47 |
| Test Report Expiration: | 4/20/2024 |

Authorized Signature:



Dennis Fassnacht Jr.
 2019.03.19 14:08:54
 -04'00'

Keystone Certifications, Inc.
 145 Limekiln Rd. Suite 100B
 New Cumberland, Pennsylvania 17070
 Phone: 717-932-8500
 Fax: 717-932-8501

| | | | | |
|---|--|-----------|------------------|-------|
|  | Document Title: | Doc No: | FRM B1-02 | |
| | Structural Performance Certification Authorization Report | Rev No: 7 | Page: 1 | Of: 1 |
| Required By: PRO B1-03 | | | | |

CAR & Product ID Number: 757 - 107.0
Issue Date: 7/8/2013
Revision Date: 3/19/2019
Expiration Date: 4/20/2024
Company Code: 757

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.

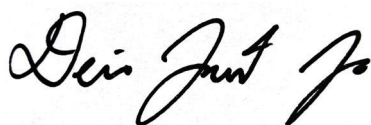
This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization.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

| | |
|---|---|
| Licensee Information: | Product Information: |
| Pocahontas Aluminum Company, Inc. 2001 Industrial Drive, PO Box 756 Pocahontas, AR 72455 USA | Model: PI46 PVC NC Picture Window Operator Type: FW Config: No Max Width: 48 Max Height: 72 |

| | |
|---------------------------------|--|
| Referenced Standard: | Product Rating: |
| AAMA/WDMA/CSA 101/I.S.2/A440-08 | Class R-PG50 1219x1829 (48x72)-Type FW Neg DP=60 |

| | |
|-------------------------------------|---------------------|
| Qualifying Test Information: | |
| Test Report No: | ATI-A9289.06-501-47 |
| Test Report Expiration: | 4/20/2024 |

Authorized Signature:



Dennis Fassnacht Jr.
2019.03.19 14:12:45
-04'00'

Keystone Certifications, Inc.
145 Limekiln Rd. Suite 100B
New Cumberland, Pennsylvania 17070
Phone: 717-932-8500
Fax: 717-932-8501

| | | | | |
|---|--|-----------|------------------|-------|
|  | Document Title: | Doc No: | FRM B1-02 | |
| | Structural Performance Certification Authorization Report | Rev No: 7 | Page: 1 | Of: 1 |
| Required By: PRO B1-03 | | | | |

CAR & Product ID Number: 757 - 108.0
 Issue Date: 7/8/2013
 Revision Date: 3/19/2019
 Expiration Date: 4/20/2024
 Company Code: 757

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.

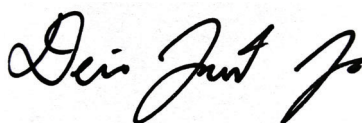
This report indicates the product is eligible for the application of Keystone Certification Program certification labels. Licensee stipulates in affixing certification labels to products, that those products are representative of the specimen evaluated and documented for certification authorization.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

| Licensee Information: | Product Information: |
|---|--|
| Pocahontas Aluminum Company, Inc. 2001 Industrial Drive, PO Box 756 Pocahontas, AR 72455 USA | Model: PI46 PVC Rep Picture Window Operator Type: FW Config: No Max Width: 48 Max Height: 72 |

| Referenced Standard: | Product Rating: |
|---------------------------------|--|
| AAMA/WDMA/CSA 101/I.S.2/A440-08 | Class R-PG50 1219x1829 (48x72)-Type FW Neg DP=70 |

| Qualifying Test Information: | |
|------------------------------|---------------------|
| Test Report No: | ATI-A9289.06-501-47 |
| Test Report Expiration: | 4/20/2024 |

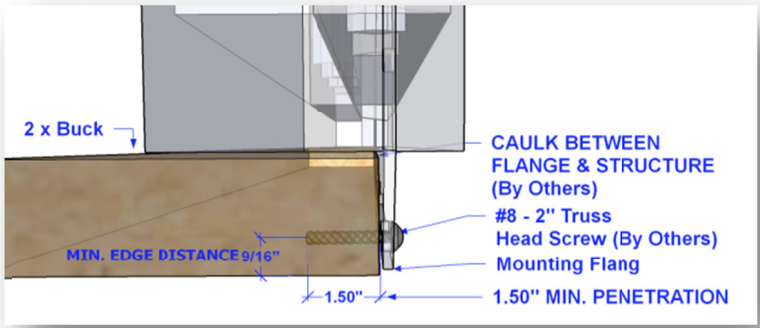
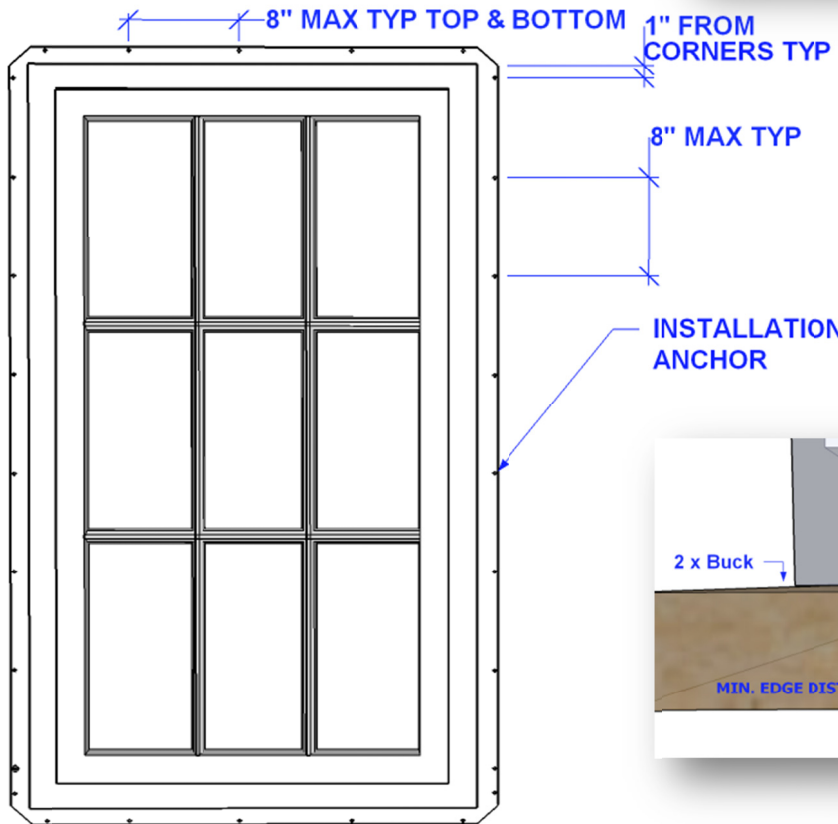
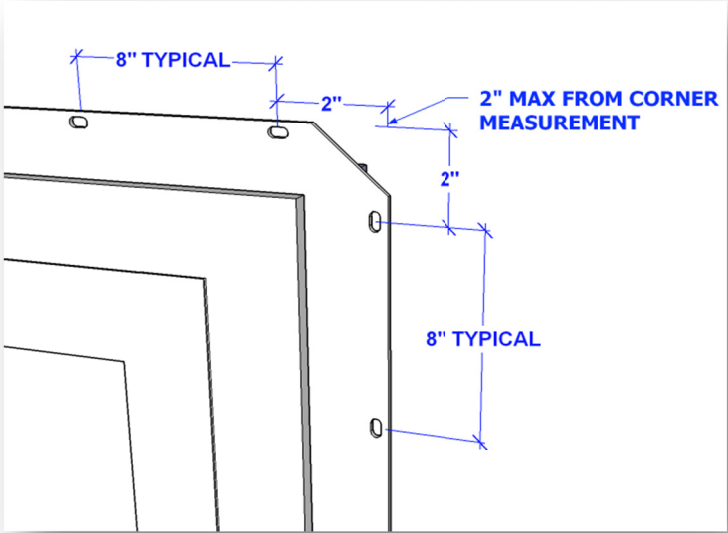
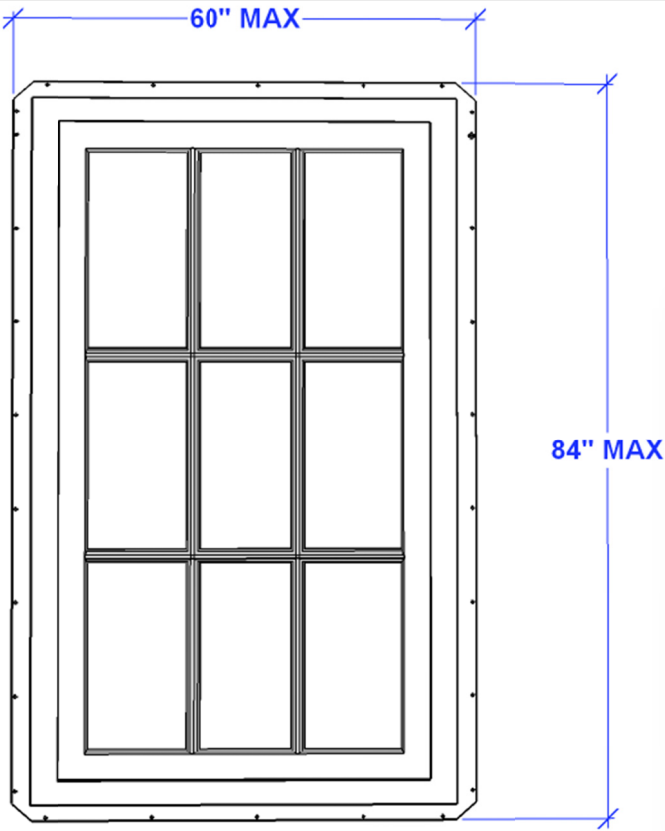
Authorized Signature:



Dennis Fassnacht Jr.
 2019.03.19 14:16:18
 -04'00'

Keystone Certifications, Inc.
 145 Limekiln Rd. Suite 100B
 New Cumberland, Pennsylvania 17070
 Phone: 717-932-8500
 Fax: 717-932-8501

**INSTALLATION METHOD
PVC (VINYL) PI46 FIXED PICTURE WINDOW
ELEVATION & ANCHOR LAYOUT**



1" FROM CORNERS TYP TOP & BOTTOM

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

TITLE:
INSTALLATION METHOD
PVC (VINYL) PI46 FIXED PICTURE WINDOW
ELEVATION & ANCHOR LAYOUT

PREPARED BY:
POCAHONTAS ALUMINUM COMPANY, INC.
2001 INDUSTRIAL DRIVE
POCAHONTAS, AR 72455
PH: 870-892-3689 FAX: 870-892-9858

| REVISIONS | | | |
|-----------|-------------|----|------|
| NO. | DESCRIPTION | BY | DATE |
| | | | |
| | | | |
| | | | |

COPYING OR
DUPLICATION IS
PROHIBITED WITHOUT
WRITTEN PERMISSION
FROM POCAHONTAS
ALUMINUM
COMPANY, INC.



TEST REPORT

Report No.: A9289.06-501-47

Rendered to:

POCAHONTAS ALUMINUM COMPANY, INC.
Pocahontas, Arizona

PRODUCT TYPE: PVC Fixed Window
SERIES/MODEL: PI46 Picture Window

SPECIFICATION: AAMA/WDMA/CSA 101/I.S.2/A440-08, *NAFS - North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

Test Dates: 04/18/11
Through: 04/20/11
Report Date: 06/06/13
Test Record Retention Date: 04/20/15



Summary of Results

| Summary of Results | | |
|--|---|--|
| Title | Test Specimen #1 New Construction Frame (With 3/16" glass) | Test Specimen #2 Replacement Frame (With 3/16" glass) |
| Primary Product Designator | Class CW-PG50 1524 x 2134 (60 x 84) - FW | Class CW-PG50 1524 x 2134 (60 x 84) - FW |
| Design Pressure | +2400 Pa (+50.13 psf) | +2400 Pa (+50.13 psf) |
| Negative Design Pressure | -2400 Pa (-50.13 psf) | -2640 Pa (-55.14 psf) |
| Air Infiltration | 0.5 L/s/m ² (0.01 cfm/ft ²) | N/A |
| Water Penetration Resistance Test Pressure | 360 Pa (7.52 psf) | N/A |

| Summary of Results | | |
|--|--|---|
| Title | Test Specimen #3 New Construction Frame (With 1/8" glass) | Test Specimen #4 Replacement Frame (With 1/8" glass) |
| Primary Product Designator | Class R-PG50 1219 x 1829 (48 x 72) - FW | Class R-PG50 1219 x 1829 (48 x 72) - FW |
| Design Pressure | +2400 Pa (+50.13 psf) | +2400 Pa (+50.13 psf) |
| Negative Design Pressure | -2880 Pa (-60.15 psf) | -3360 Pa (-70.18 psf) |
| Air Infiltration | 0.5 L/s/m ² (0.01 cfm/ft ²) | N/A |
| Water Penetration Resistance Test Pressure | 360 Pa (7.52 psf) | N/A |

Test Completion Date: 04/20/2011

Reference must be made to Report No. A9289.06-501-47, dated 06/06/13 for complete test specimen description and detailed test results.

1.0 Report Issued To: Pocahontas Aluminum Company
2001 Industrial Drive, P.O. Box 756
Pocahontas, Arizona 72455-0756

2.0 Test Laboratory: Architectural Testing, Inc.
1140 Lincoln Avenue
Springdale, Pennsylvania 15144
724.275.7100

3.0 Project Summary:

3.1 Product Type: PVC Fixed Window

3.2 Series/Model: PI46 Picture Window

Compliance Statement: Results obtained are tested values and were secured by using the designated test method(s). The specimens tested successfully met the performance requirements for the following ratings: Test Specimen #1: **Class CW-PG50 1524 x 2134 (60 x 84) - FW**; Test Specimen #2: **Class CW-PG50 1524 x 2134 (60 x 84) - FW**; Test Specimen #3: **Class R-PG50 1219 x 1829 (48 x 72) - FW**; Test Specimen #4: **Class R-PG50 1219 x 1829 (48 x 72) - FW**.

This product was originally tested as the Veka Inc. Series/Model SH46W, PVC Fixed Window and is a reissue of the original Report No. A9289.01-501-47. This report is reissued in the name of Pocahontas Aluminum Company, Inc., through written authorization by Veka Inc.

3.3 Test Dates: 04/19/2011 – 04/20/2011

3.4 Test Location: Veka Inc. test facility in Fombell, Pennsylvania. Calibration of test equipment was performed by Architectural Testing in accordance with AAMA 205-01 "In-Plant Testing Guidelines for Manufacturers and Independent Laboratories".

3.5 Test Sample Source: The test specimen was provided by the client. Representative samples of the test specimen(s) will be retained by Architectural Testing for a minimum of four years from the test completion date.

3.6 Drawing Reference: The test specimen drawings have been reviewed by Architectural Testing and are representative of the test specimen(s) reported herein. Test specimen construction was verified by Architectural Testing per the drawings located in Appendix B. Any deviations are documented herein or on the drawings.

3.7 List of Official Observers:

| <u>Name</u> | <u>Company</u> |
|-----------------|-----------------------------|
| Doug Merry | Veka Inc. |
| Cornell Charles | Veka Inc. |
| Joseph Allison | Architectural Testing, Inc. |

4.0 Test Specification(s):

AAMA/WDMA/CSA 101/I.S.2/A440-08, *NAFS - North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

5.0 Test Specimen Description:

5.1 Product Sizes:

Test Specimens #1 and #2:

| Overall Area: 3.3 m ² (35.0 ft ²) | Width | | Height | |
|---|-------------|--------|-------------|--------|
| | millimeters | inches | millimeters | inches |
| Overall size | 1524 | 60 | 2134 | 84 |

Test Specimens #3 and 4:

| Overall Area: 2.2 m ² (24.0 ft ²) | Width | | Height | |
|---|-------------|--------|-------------|--------|
| | millimeters | inches | millimeters | inches |
| Overall size | 1219 | 48 | 1829 | 72 |

The following descriptions apply to all specimens.

5.2 Frame Construction:

| Frame Member | Material | Description |
|-------------------|----------|-------------|
| Head, sill, jambs | PVC | Extruded |

| | Joinery Type | Detail |
|-------------|--------------|------------------|
| All corners | Mitered | Thermally welded |

5.3 Weatherstripping: No weatherstripping was utilized.

5.0 Test Specimen Description: (Continued)

5.4 Glazing:

Test Specimens #1 and #2:

| Glass Type | Spacer Type | Interior Lite | Exterior Lite | Glazing Method |
|------------|--|----------------|----------------|---|
| 3/4" IG | Butyl spacer system embedded in sealant, single sealed | 3/16" annealed | 3/16" annealed | Set from the interior against a silicone sealant and secured with rigid vinyl glazing beads |

| Location | Quantity | Daylight Opening | | Glass Bite |
|----------|----------|------------------|-----------------|------------|
| | | millimeters | inches | |
| Frame | 1 | 1410 x 2019 | 55-1/2 x 79-1/2 | 1/2" |

Test Specimens #3 and #4:

| Glass Type | Spacer Type | Interior Lite | Exterior Lite | Glazing Method |
|------------|--|---------------|---------------|---|
| 3/4" IG | Butyl spacer system embedded in sealant, single sealed | 1/8" annealed | 1/8" annealed | Set from the interior against a silicone sealant and secured with rigid vinyl glazing beads |

| Location | Quantity | Daylight Opening | | Glass Bite |
|----------|----------|------------------|-----------------|------------|
| | | millimeters | inches | |
| Frame | 1 | 1105 x 1715 | 43-1/2 x 67-1/2 | 1/2" |

5.5 Drainage:

| Drainage Method | Size | Quantity | Location |
|--------------------|------------------------|----------|--|
| Weepslot with flap | 1" wide x 3/16" high | 2 | Exterior sill face, one 3-1/4" from each end of sill |
| Weepslot | 3/4" wide x 3/16" deep | 2 | Sill glazing channel, one 3-3/4" from each end |

5.6 Hardware: No hardware was utilized.

5.0 Test Specimen Description: (Continued)

5.7 Reinforcement: No reinforcement was utilized.

6.0 Installation:

Test Specimens #1 and #3:

The specimen was installed into a Spruce-Pine-Fir wood buck. The rough opening allowed for a 1/8" shim space. The nail fin perimeter of the window was sealed with a silicone sealant.

| Location | Anchor Description | Anchor Location |
|--------------------|---------------------------|--|
| Nail fin perimeter | #8 x 2" truss head screws | Spaced nominally 8" on center, and beginning at each corner. |

Test Specimens #2:

The specimen was installed into a Spruce-Pine-Fir wood buck. The rough opening allowed for a 1/8" shim space. The exterior perimeter of the window was sealed with a silicone sealant. The sill was set onto a bed of silicone sealant.

| Location | Anchor Description | Anchor Location |
|------------|---------------------------|--|
| Jambs | #8 x 2" truss head screws | Six per jamb, evenly spaced and beginning 6" in from each end. |
| Head, sill | #8 x 2" truss head screws | Three per member, one 6" in from each end and one at midspan. |

Test Specimens #4:

The specimen was installed into a Spruce-Pine-Fir wood buck. The rough opening allowed for a 1/8" shim space. The exterior perimeter of the window was sealed with a silicone sealant. The sill was set into a bed of silicone sealant.

| Location | Anchor Description | Anchor Location |
|------------|---------------------------|---|
| Jambs | #8 x 2" truss head screws | Five per jamb, evenly spaced and beginning 6" from each end. |
| Head, sill | #8 x 2" truss head screws | Three per member, one 6" in from each end and one at midspan. |



7.0 Test Results: The temperature during testing was 20°C (68°F). The results are tabulated as follows:

Test Specimen #1:

| Title of Test | Results | Allowed | Note |
|--|---|---|-------------|
| Air Leakage, Infiltration per ASTM E 283 at 75 Pa (1.6 psf) | 0.5 L/s/m ² (0.01 cfm/ft ²) | 1.5 L/s/m ² (0.3 cfm/ft ²) max. | 1 |
| Water Penetration, per ASTM E 547 | N/A | N/A | 3 |
| Uniform Load Deflection, per ASTM E 330 | N/A | N/A | 3 |
| Uniform Load Structural, per ASTM E 330 | N/A | N/A | 3 |
| Forced Entry Resistance, per ASTM F 588, Type: D - Grade: 10 | Pass | No entry | |
| Thermoplastic Corner Weld | Pass | Meets as stated | |
| Optional Performance | | | |
| Water Penetration, per ASTM E 547 at 360 Pa (7.52 psf) | Pass | No leakage | 2 |
| Uniform Load Deflection, per ASTM E 330 taken at the right jamb +2400 Pa (+50.13 psf) -2400 Pa (-50.13 psf) | 0.8 mm (0.03") 0.5 mm (0.02") | 1.3 mm (0.05") max. 1.3 mm (0.05") max. | 4, 5, 6 |
| Uniform Load Structural, per ASTM E 330 taken at the right jamb +3600 Pa (+75.19 psf) -3600 Pa (-75.19 psf) | 0.3 mm (0.01") 0.3 mm (0.01") | 0.5 mm (0.02") max. 0.5 mm (0.02") max. | 5, 6 |

**7.0 Test Results:** (Continued)**Test Specimen #2:**

| Title of Test | Results | Allowed | Note |
|--|----------------------------------|--|---------|
| Optional Performance | | | |
| Uniform Load Deflection, per ASTM E 330 taken at the head +2640 Pa (+55.14 psf) -2640 Pa (-55.14 psf) | 1.5 mm (0.06") 1.3 mm (0.05") | 3.6 mm (0.14") max. 3.6 mm (0.14") max. | 4, 5, 6 |
| Uniform Load Structural, per ASTM E 330 taken at the head +3960 Pa (+82.71 psf) -3960 Pa (-82.71 psf) | 0.3 mm (0.01") 0.3 mm (0.01") | 1.8 mm (0.07") max. 1.8 mm (0.07") max. | 5, 6 |

Test Specimen #3:

| Title of Test | Results | Allowed | Note |
|---|---|---|------|
| Air Leakage, Infiltration per ASTM E 283 at 75 Pa (1.6 psf) | 0.5 L/s/m ² (0.01 cfm/ft ²) | 1.5 L/s/m ² (0.3 cfm/ft ²) max. | 1 |
| Water Penetration, per ASTM E 547 | N/A | N/A | 3 |
| Uniform Load Deflection, per ASTM E 330 | N/A | N/A | 3 |
| Uniform Load Structural, per ASTM E 330 | N/A | N/A | 3 |
| Forced Entry Resistance, per ASTM F 588, Type: D - Grade: 10 | Pass | No entry | |
| Thermoplastic Corner Weld | Pass | Meets as stated | |

7.0 Test Results: (Continued)

Test Specimen #3: (Continued)

| Title of Test | Results | Allowed | Note |
|--|----------------------------------|--|---------|
| Optional Performance | | | |
| Water Penetration, per ASTM E 547 at 360 Pa (7.52 psf) | Pass | No leakage | 2 |
| Uniform Load Deflection, per ASTM E 330 taken at the right jamb +2880 Pa (+60.15 psf) -2880 Pa (-60.15 psf) | 0.5 mm (0.02") 0.3 mm (0.01") | Report Only | 4, 5, 6 |
| Uniform Load Structural, per ASTM E 330 taken at the right jamb +4320 Pa (+90.23 psf) -4320 Pa (-90.23 psf) | 0.3 mm (0.01") 0.3 mm (0.01") | 0.8 mm (0.03") max. 0.8 mm (0.03") max. | 5, 6 |

Test Specimen #4: (Continued)

| Title of Test | Results | Allowed | Note |
|--|----------------------------------|--|---------|
| Optional Performance | | | |
| Uniform Load Deflection, per ASTM E 330 taken at the head +3360 Pa (+70.18 psf) -3360 Pa (-70.18 psf) | 1.3 mm (0.05") 1.0 mm (0.04") | Report Only | 4, 5, 6 |
| Uniform Load Structural, per ASTM E 330 taken at the head +5040 Pa (+105.26 psf) -5040 Pa (-105.26 psf) | 0.3 mm (0.01") 0.3 mm (0.01") | 0.8 mm (0.03") max. 0.8 mm (0.03") max. | 5, 6 |

7.0 Test Results: (Continued)

Note 1: The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2/A440 for air leakage resistance.

Note 2: Without insect screen.

Note 3: The client opted to start at a pressure higher than the minimum required. Test results are reported under Optional Performance.

Note 4: The deflections reported are not limited by AAMA/WDMA/CSA 101/I.S.2/A440 for this product designation. The deflection data is recorded in this report for special code compliance and information only.

Note 5: Loads were held for 10 seconds.

Note 6: Tape and film were not used to seal against air leakage during structural testing.



This report is reissued in the name of Pocahontas Aluminum Company, Inc., through written authorization of Veka Inc. to whom the original report was rendered. The original Veka Inc. Report No. is A9289.01-501-47.

The service life of this report will expire on the stated Test Record Retention End Date, at which time such materials as drawings, data sheets, samples of test specimens, copies of this report, and any other pertinent project documentation, shall be discarded without notice.

If test specimen contains glazing, no conclusions of any kind regarding the adequacy or inadequacy of the glass in any glazed test specimen(s) can be made. 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.

Joseph E. Allison
Senior Technician

Lynn George
Director – Regional Operations

JEA:sld

Attachments (pages): This report is complete only when all attachments listed are included.

Appendix-A: Alteration Addendum (1)

Appendix-B: Drawings (1) Complete drawings packet on file with Architectural Testing Inc.

Appendix A
Alteration Addendum

Note: No alterations were required.



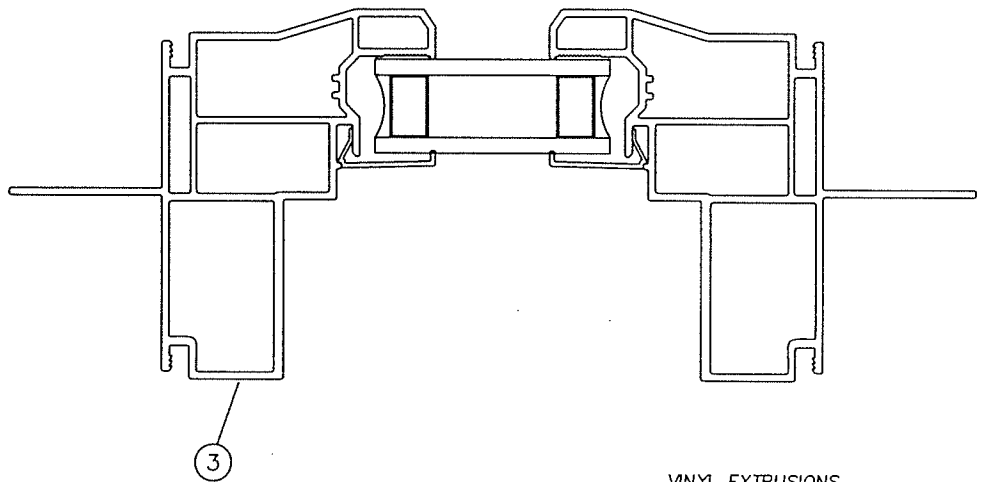
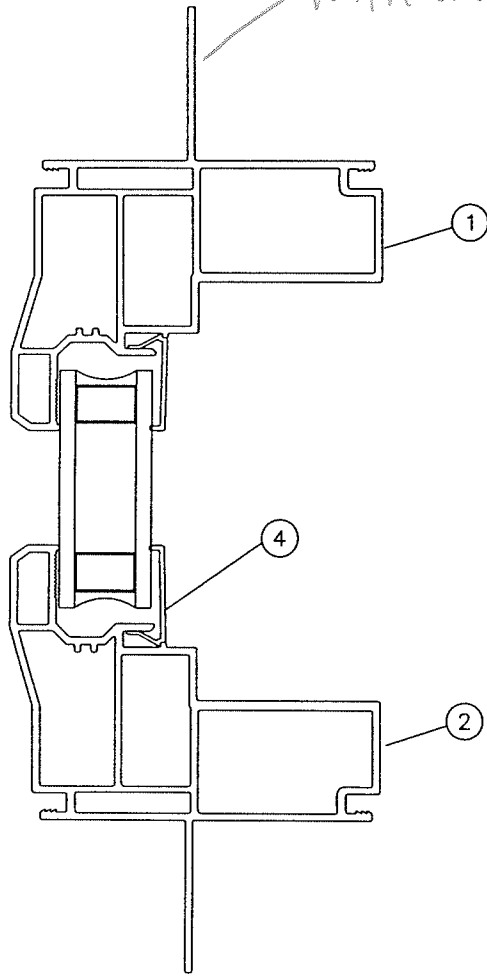
Architectural Testing

Test Report No.: A9289.06-501-47
Report Date: 06/06/13
Test Record Retention End Date: 04/20/15

Appendix B

Drawings

With and Without Fin



Test sample complies with these details.
Deviations are noted.

Report# A9289
Date 4/21/11 Tech Jhu

- VINYL EXTRUSIONS
- ① SH4602 FRAME HEAD
 - ② SH4602 FRAME SILL
 - ③ SH4602 FRAME JAMB
 - ④ BV162 GLAZING BEAD

SH46WBV162

| REV | ECN. | CHANGE | BY | DATE |
|-----|------|--------|----|------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

VEKA VEKA INC.
100 VEKA DRIVE
FOMBELL, PA 16123

DESCRIPTION: SH46W SERIES
PICTURE WINDOW LAYOUT

B-SIZE BY BJB DATE 04/20/11

SCALE FULL DWG # SH46WBV162

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION
DO NOT COPY OR DISCLOSE WITHOUT CONSENT OF VINYLSOURCE INC.