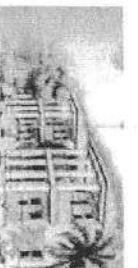


FLORIDA DEPARTMENT OF  
**Business & Professional Regulation**

6100/6500  
DH / TDH / T-mull



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Florida Department of  
**Business & Professional Regulation**



**Product Approval**  
USER: Public User

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[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

EMERGENCY  
MANAGEMENT  
OFFICE OF THE  
SECRETARY

FL #  
Application Type  
Code Version  
Application Status

**FL5167-R11**  
Revision  
**2010**

Approved  
\*Approved by DCA. Approvals by DCA shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments  
Archived

Product Manufacturer  
Address/Phone/Email

**Simonton Windows**  
1 Cochran Ave  
Pennsboro, WV 26415  
(800) 746-6687 Ext 2329  
tiffany\_davies@simonton.com

Authorized Signature

Tiffany Davies  
tiffany\_davies@simonton.com

Technical Representative  
Address/Phone/Email

Tiffany Davies  
PO Box 1646  
5300 Briscoe Road  
Parkersburg, WV 26102

44

(800) 542-9118 Ext 9329  
tiffany\_davies@simonton.com

Quality Assurance Representative  
Address/Phone/Email

AAMA  
1827 Walden Office Square  
Suite 550  
Schaumburg, IL 60173  
(847) 303-5664  
webmaster@aamanet.org

Category  
Subcategory

**Windows**  
**Double Hung**

Compliance Method

Certification Mark or Listing

Certification Agency  
Validated By

American Architectural Manufacturers Association  
American Architectural Manufacturers Association

Referenced Standard and Year (of Standard)

<b>Standard</b>	<b>Year</b>
AAMA 450	2006
AAMA 450	2010
AAMA/WDMA/CSA 101/1.S.2 A440	2005

Equivalence of Product Standards  
Certified By

5167.5	43-17	<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> 48x80 (+/-30 PSF), 52x71 (+/-35 PSF, 44x63 (+/-35 PSF), 48x80 (+/-35 PSF), 36x63 (+/-45 PSF), 44x63 (+/-45 PSF), 26x76 (+/-50 PSF) &amp; 36x74 (+/-50 PSF)</p>	<p>Created by Independent Third Party:  Profinish Contractor, ProFinish Master and Amcraft Grand Estates New Construction Vinyl Double Hung</p> <p><b>Certification Agency Certificate</b>  FL5167 R11 C CAC 43-17 DH 26x76 R50.pdf  FL5167 R11 C CAC 43-17 DH 36x63 R45.pdf  FL5167 R11 C CAC 43-17 DH 36x74 R50.pdf  FL5167 R11 C CAC 43-17 DH 44x63 R35.pdf  FL5167 R11 C CAC 43-17 DH 44x63 R45.pdf  FL5167 R11 C CAC 43-17 DH 48x80 R30.pdf  FL5167 R11 C CAC 43-17 DH 48x80 R35.pdf  FL5167 R11 C CAC 43-17 DH 52x71 R35.pdf</p> <p><b>Quality Assurance Contract Expiration Date</b>  02/10/2013</p> <p><b>Installation Instructions</b>  FL5167 R11 II IN0096 43-17 DH 2X.pdf</p> <p>Verified By: American Architectural Manufacturers Association  Created by Independent Third Party:  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
5167.6	43-17	<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> 96x80 (+/-25 PSF), 89x63 (+/-30 PSF), 73x63 (+/-35 PSF) &amp; 72x74 (+/-45 PSF) *This product complies with ASTM E1300-04.</p>	<p>Profinish Contractor, ProFinish Master and Amcraft Grand Estates New Construction Vinyl Double Hung T-mulled Twin</p> <p><b>Certification Agency Certificate</b>  FL5167 R11 C CAC 43-17 DH Twin 72x74 R45.pdf  FL5167 R11 C CAC 43-17 DH Twin 73x63 R35.pdf  FL5167 R11 C CAC 43-17 DH Twin 89x63 R30.pdf  FL5167 R11 C CAC 43-17 DH Twin 96x80 R25.pdf</p> <p><b>Quality Assurance Contract Expiration Date</b>  03/12/2013</p> <p><b>Installation Instructions</b>  FL5167 R11 II IN0099 43-17 DH Twin 2X.pdf</p> <p>Verified By: American Architectural Manufacturers Association  Created by Independent Third Party:  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
5167.7	43-35 (Two-Step Sill)		<p>6100 Value View, Asure, Prism Gold, Grand Estates Vinyl</p>

6100 JH \*

6100  
11mull  
+

\*

<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> 44x63 (+/-25 PSF), 46x84 (+/-25 PSF), 36x72 (+/-30 PSF), 48x80 (+/-35 PSF), 52x71 (+/-35 PSF)</p>	<p>Double Hung  <b>Certification Agency Certificate</b>            FL5167 R11 C CAC 43-35 DH 36x72 R30.pdf            FL5167 R11 C CAC 43-35 DH 44x63 R25.pdf            FL5167 R11 C CAC 43-35 DH 46x84 R25.pdf            FL5167 R11 C CAC 43-35 DH 48x80 R35.pdf            FL5167 R11 C CAC 43-35 DH 52x71 R35.pdf  <b>Quality Assurance Contract Expiration Date</b>            01/24/2016  <b>Installation Instructions</b>            FL5167 R11 II IN0105 43-35 DH 2X.pdf            Verified By: American Architectural Manufacturers Association            Created by Independent Third Party:  <b>Evaluation Reports</b>            Created by Independent Third Party:</p>
<p>5167.8  <b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +35/-35  <b>Other:</b> 73x111</p>	<p>6100 Value View,ASURE, Prism Gold, Grand Estates Vinyl Double Hung Twin with Transom  <b>Certification Agency Certificate</b>            FL5167 R11 C CAC SIM 43-35 DH AAMA 450 73x111 R35.pdf            FL5167 R11 C CAC SIM 43-50 DH AAMA 450 73x111 R35.pdf  <b>Quality Assurance Contract Expiration Date</b>            01/24/2016  <b>Installation Instructions</b>            FL5167 R11 II IN0535 43-35 43-50 DH Twin with Transom 2X.pdf            Verified By: American Architectural Manufacturers Association            Created by Independent Third Party:  <b>Evaluation Reports</b>            Created by Independent Third Party:</p>
<p>5167.9  <b>Limits of Use</b></p>	<p>Reflections 5050, Reflections 5300, Prism Bronze, Prism Ultra Gold Amcraft Grand Estates, Amcraft Grand Estates Plus, Impressions 9400, THD 6100 Vantage Pointe Vinyl Double Hung  <b>Certification Agency Certificate</b></p>

Approved for use in HVHZ: No  
 Approved for use outside HVHZ: Yes  
 Impact Resistant: No  
 Design Pressure: N/A  
 Other: 36x72 (+/-30 PSF), 52x71 (+/-35 PSF), 48x80 (+/-35 PSF), 44x63 (+/-35 PSF), 36x63 (+/-45 PSF), 44x63 (+/-45 PSF), 32x62 (+/-50 PSF), 36x74 (+/-50 PSF)

FL5167 R11 C CAC 43-40 DH 32x62 R50.pdf  
 FL5167 R11 C CAC 43-40 DH 36x63 R45.pdf  
 FL5167 R11 C CAC 43-40 DH 36x72 R30.pdf  
 FL5167 R11 C CAC 43-40 DH 36x74 R50.pdf  
 FL5167 R11 C CAC 43-40 DH 44x63 R35.pdf  
 FL5167 R11 C CAC 43-40 DH 44x63 R45.pdf  
 FL5167 R11 C CAC 43-40 DH 48x80 R35.pdf  
 FL5167 R11 C CAC 43-40 DH 52x71 R35.pdf  
 FL5167 R11 C CAC 43-45 waiver to 43-40.pdf  
**Quality Assurance Contract Expiration Date**  
 03/12/2013  
**Installation Instructions**  
 FL5167 R11 II IN0432 43-40 43-45 DH 2X.pdf  
 Verified By: American Architectural Manufacturers Association  
 Created by Independent Third Party:  
**Evaluation Reports**  
 Created by Independent Third Party:

5167.10 43-50 (Three-Step Sill)

Limits of Use  
 Approved for use in HVHZ: No  
 Approved for use outside HVHZ: Yes  
 Impact Resistant: No  
 Design Pressure: N/A  
 Other: 52x71 (+/-35 PSF), 36x63 (+/-45 PSF), 44x63 (+/-45 PSF), 32x62 (+/-50 PSF), 36x74 (+/-50 PSF)

6100 Value View,ASURE, Prism Gold, Grand Estates Vinyl Double Hung

**Certification Agency Certificate**  
 FL5167 R11 C CAC 43-50 DH 32x62 R50.pdf  
 FL5167 R11 C CAC 43-50 DH 36x63 R45.pdf  
 FL5167 R11 C CAC 43-50 DH 36x74 R50.pdf  
 FL5167 R11 C CAC 43-50 DH 44x63 R45.pdf  
 FL5167 R11 C CAC 43-50 DH 52x71 R35.pdf  
**Quality Assurance Contract Expiration Date**  
 01/25/2016  
**Installation Instructions**  
 FL5167 R11 II IN0432 43-50 DH 2X.pdf  
 Verified By: American Architectural Manufacturers Association  
 Created by Independent Third Party:  
**Evaluation Reports**  
 Created by Independent Third Party:

\* 5167.11 75-75, 75-09, 07-75, 07-09, 07-10 and 07-20

Limits of Use

Reflections 5500, Prism Platinum, Sears 9300, Generations, Impressions 9800, THD 6500 Vantage  
 Pointe Vinyl Double Hung  
**Certification Agency Certificate**

6500  
 DH

Approved for use in HVHZ: No  
 Approved for use outside HVHZ: Yes  
 Impact Resistant: No  
 Design Pressure: N/A  
 Other: 48x80 (+/-25 PSF), 53x74 (+/-30 PSF), 48x80 (+/-35 PSF), 52x71 (+/-35 PSF), 53x80 (+/-40 PSF), 36x63 (+/-50 PSF), 36x74 (+/-50 PSF), 36x72 (+/-55 PSF)

FL5167 R11 C CAC 07-10 07-20 to 07-09 Waiver.pdf  
 FL5167 R11 C CAC 07-75 75-09 07-09 to 75-75 Waiver.pdf

FL5167 R11 C CAC 07-75 DH 48x80 R35.pdf  
 FL5167 R11 C CAC 07-75 DH 53x74 R30.pdf  
 FL5167 R11 C CAC 07-75 DH 53x80 R40.pdf  
 FL5167 R11 C CAC 75-75 DH 36x63 LC50.pdf  
 FL5167 R11 C CAC 75-75 DH 36x72 R55.pdf  
 FL5167 R11 C CAC 75-75 DH 36x74 LC50.pdf  
 FL5167 R11 C CAC 75-75 DH 48x80 LC 25.pdf  
 FL5167 R11 C CAC 75-75 DH 52x71 R35.pdf

**Quality Assurance Contract Expiration Date**  
 01/15/2013

**Installation Instructions**  
 FL5167 R11 II IN0113 75-75 07-75 DH 2X.pdf  
 Verified By: American Architectural Manufacturers Association

Created by Independent Third Party:  
**Evaluation Reports**  
 Created by Independent Third Party:

5167.12 75-75, 75-09, 07-75, 07-09, 07-10 and 07-20

Reflections 5500, Prism Platinum, Sears 9300, Generations, Impressions 9800, THD 6500 Vangtage Poite Vinyl Double Hung H-Mulled Twin

**Limits of Use**  
 Approved for use in HVHZ: No  
 Approved for use outside HVHZ: Yes  
 Impact Resistant: No  
 Design Pressure: +50/-50  
 Other: 73x63 \*This product complies with ASTM E1300-04.

**Certification Agency Certificate**  
 FL5167 R11 C CAC 07-10 07-20 waiver to 07-09.pdf  
 FL5167 R11 C CAC 07-75 75-09 07-09 to 75-75 Waiver.pdf  
 FL5167 R11 C CAC 75-75 DH Twin 73x63 R50.pdf

**Quality Assurance Contract Expiration Date**  
 05/19/2013

**Installation Instructions**  
 FL5167 R11 II IN0060 Retro DH Twin 2X.pdf  
 Verified By: American Architectural Manufacturers Association

Created by Independent Third Party:  
**Evaluation Reports**  
 FL5167 R11 AE B5764.01-122-34-A PER DH Twin.pdf  
 Created by Independent Third Party: Yes

5500  
 TDH

\*

WINDOW

MODEL DESIGNATION: Simonton Double Hung Series 43-35 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

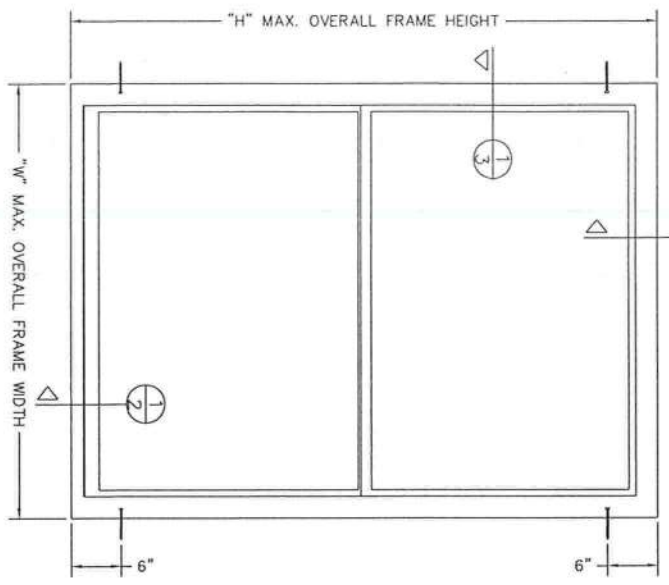
DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: X  
X

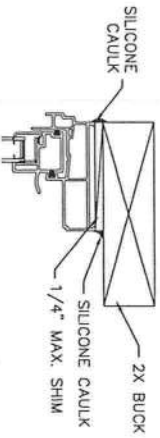
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

NO P.E. SEAL REQUIRED  
INSTALLATION SUPPORTED  
BY AAMA TEST REPORTS

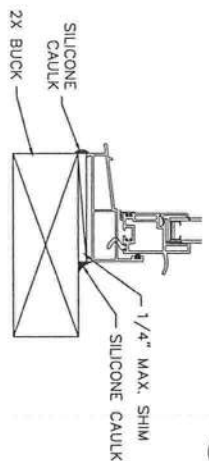
REV #	REVISIONS:	REVISED BY:	DATE:
1	UPDATED SIZE PER TEST REPORT #89924-01.	T.D.D.	01/04/10
2	UPDATING SIZES-FRAME CODE, FRAME AND SIZES PER NEW TESTING	T.O.D.	02/23/12



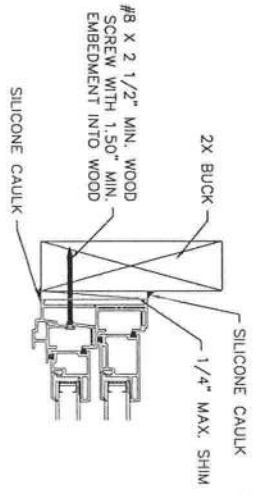
OVERALL SIZE	DP RATING
WIDTH "W"	
HEIGHT "H"	
46"	±25 PSF
44"	6.3"
36"	±30 PSF
48"	80"
52"	±35 PSF



1 HEAD  
4X SCALE



2 SILL  
4X SCALE



3 JAMB  
4X SCALE

- NOTES:
1. This installation has been evaluated for use in locations adhering to the Texas & Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z.
  2. All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
  3. Anchors shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
  4. The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
  5. Shims are optional. Max. shim stock is 1/4".
  6. Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
  7. When used in areas requiring impact protection this product REQUIRES the use of approved impact resistant shutters or other external protection.
  8. Flashing should be applied using the ASTM E 2112 methodology appropriate for the opening into which the window is being installed.
  9. Installation screws must be at least 3/4" from the edge of the wood.
  10. Installation screws may be placed in the interior or exterior track of the jamb. Screws should be flush with the vinyl.
  11. Glazing shall comply with ASTM E 1300-04.

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ROST FINISH:	DISCLOSURE STATEMENT
ALLOY & TEMPER:	
WEIGHT:	
SURFACE AREA:	
VOLUME:	
PERIMETER:	

FINISH TREATMENT:	PERIMETER:	WEIGHT:	ALLOY & TEMPER:

SIZE/DRAWING NO.:	REV.:
43-35 DOUBLE HUNG <td>2</td>	2
TITLE:	2X BUCK INSTALLATION (AS TESTED)

**SIMONTON**  
1 Cochran Avenue  
Petersburg, WV 26415

DATE: 11/16/08  
DRAWN BY: [blank]  
CHECKED BY: [blank]  
APPROV'D BY: [blank]

SCALE:	SHEET:
1" = 1"	1 of 1

Dimensional Tolerances	Angles
Unless Otherwise Specified	
Decimals	
X ± .03	
.XXX ± .005	0° ± 30 min.

FILE: IN0105

60100 + multi

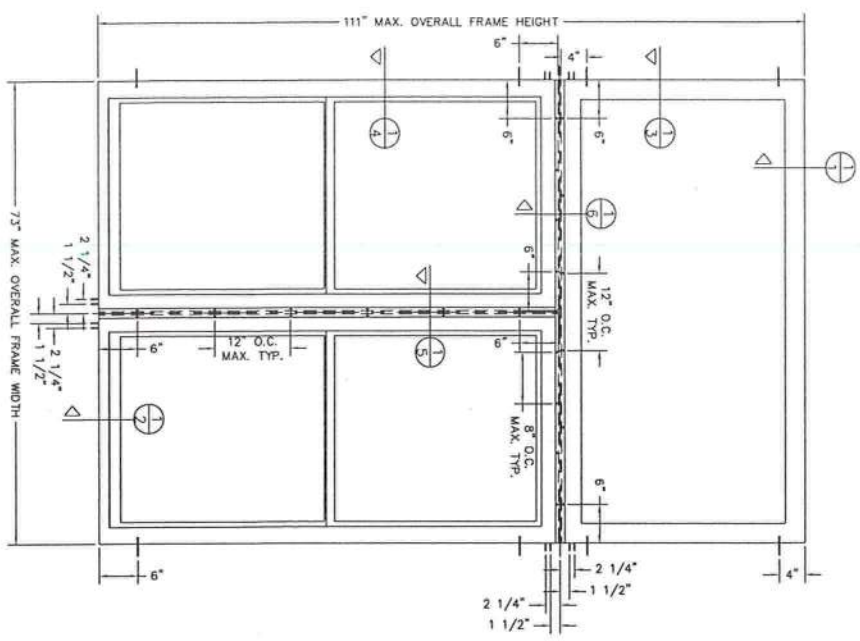
**MODEL DESIGNATION:** Simonon Series 43-35 / 43-50 Vinyl Double Hung with Transom

**MAXIMUM OVERALL NOMINAL SIZE:** Twin up to 73" x 111"

**DESIGN PRESSURE RATING:** Positive: 35.0 PSF  
Negative: 35.0 PSF

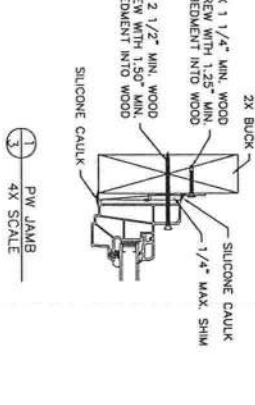
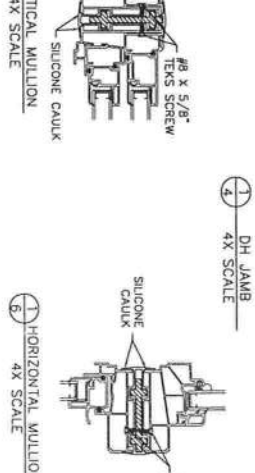
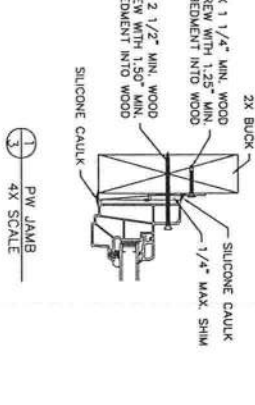
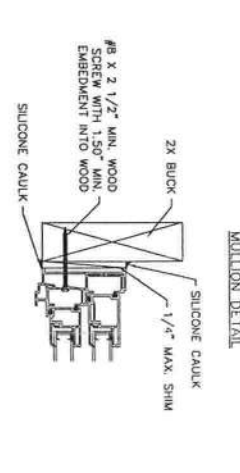
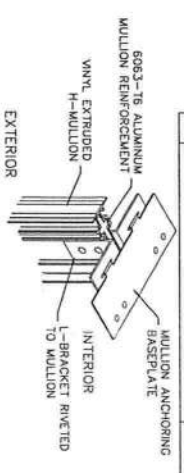
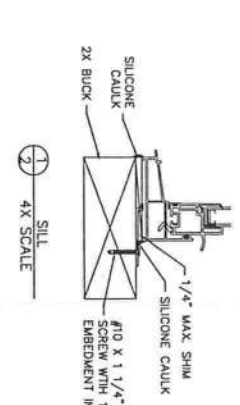
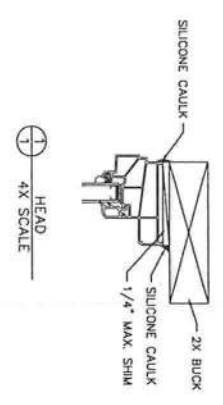
**USABLE CONFIGURATIONS:** 0

**GENERAL DESCRIPTION:** The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



**NO P.E. SEAL REQUIRED  
INSTALLATION SUPPORTED  
BY AAMA TEST REPORTS**

REV. #	REVISIONS	REMOVED BY	DATE



- NOTES:**
1. This installation has been evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7.
  2. Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings listed herein. For use outside of the H.V.H.Z.
  3. All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
  4. Anchors shall be specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
  5. The responsibility for selection of Simonon products to meet any applicable local laws, building codes, ordinances or other safety requirements rests solely with the architect, building owner or contractor.
  6. Shims are optional. Maximum shim stack is 1/4".
  7. Wood bucks (by others) must be engineered on anchored properly to transfer loads to the structure.
  8. Wood used in areas requiring impact protection, this product REQUIRES the use of approved impact resistant shutters or other external protection.
  9. Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
  10. Installation screws must be at least 3/4" from the edge of the wood.

**DISCLOSURE STATEMENT**

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<b>MATERIAL:</b>	<b>FINISH:</b>	<b>WEIGHT:</b>	<b>VOLUME:</b>
ALLOY & TEMPER:	EXACT AS NOTED	W/SS: Obsolete. Specified	Decline
<b>FINISH TREATMENT:</b>	<b>PERMETER:</b>	<b>ANGLE:</b>	<b>ANGLE:</b>
		X ± .03	0° 30 min.
		XX ± .01	
		XXX ± .009	

**SIZE/DRAWING NO.:** REV. -

**SIMONON**  
1 Cochrane Avenue  
Flemington, WV 24415

**DRAWN BY:** DATE: 01/23/12

**CHECKED BY:** DATE:

**APPROV. BY:** DATE:

**SHEET:** 1 of 1

**TITLE:** 2X BUCK INSTALLATION

FILE: IN0535

2

1



**MODEL DESIGNATION:**

Simonton Double Hung Series 43-50 Vinyl Window

**MAXIMUM OVERALL NOMINAL SIZE:**

See Size Chart

**DESIGN PRESSURE RATING:**

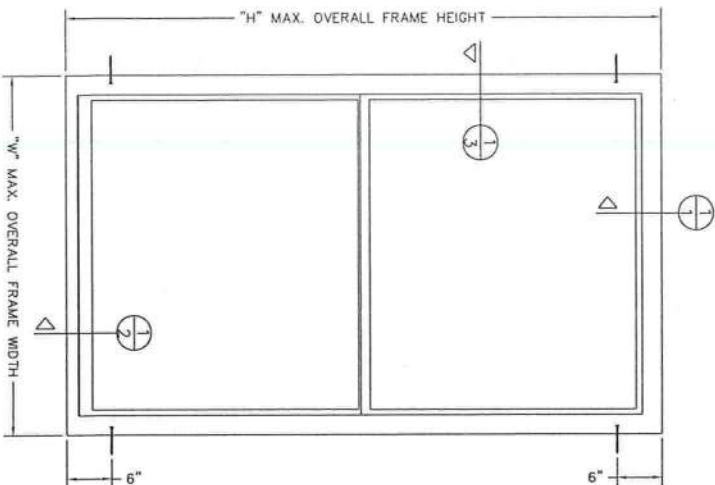
See Size Chart

**USABLE CONFIGURATIONS:**

X  
X

**GENERAL DESCRIPTION:**

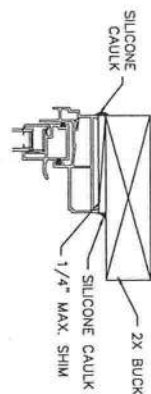
The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



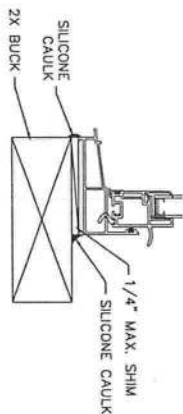
SIZE CHART		
OVERALL SIZE		DP RATING
WIDTH "W"	HEIGHT "H"	
52"	71"	±35 PSF
36"	63"	±45 PSF
44"	63"	
32"	62"	±50 PSF
36"	74"	

**NO P.E. SEAL REQUIRED  
INSTALLATION SUPPORTED  
BY AAMA TEST REPORTS**

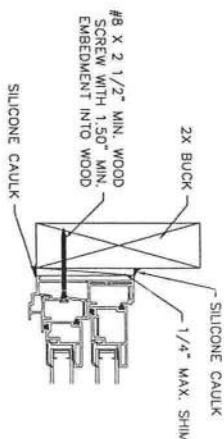
REV.	REVISIONS	REMOVED BY	DATE
1	ADDED SIZES FROM TEST REPORT #89925.01	T.O.D.	01/04/10
2	ADD REVISIONS TO 4X SILL WITH AND 4X SILL	T.O.D.	03/03/11
3	FLASHING NOTE	T.O.D.	06/02/11
4	UPDATED SIZES PER NEW TESTING.	T.O.D.	01/10/13
5	ADDED NOTE 11.	T.O.D.	01/10/13
6	CHANGED SASH-FRAME CODE-FRAME PROFILES AND SIZES PER NEW TESTING.	T.O.D.	02/23/12



1 HEAD  
4X SCALE



2 SILL  
4X SCALE



3 JAMB  
4X SCALE

- NOTES:**
- This installation has been evaluated for use in locations adhering to the Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z.
  - All interior and exterior perimeter surfaces of the window must be caulked.
  - Anchors shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
  - The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
  - Shims are optional. Max. shim stack is 1/4".
  - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
  - Screws should be a minimum of 3/4" from the edge of the wood.
  - When used in areas requiring impact protection, this product REQUIRES the use of approved impact resistant shutters or other external protection.
  - Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
  - Installation screws must be at least 3/4" from the edge of the wood.
  - Glazing shall comply with ASTM E 1300-04.

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FILE: INDA32

<b>MATERIAL:</b>		<b>FINISH TREATMENT:</b>	
FRAME FINISH: <b>EXTRUSION</b>	EXTRUSION: <b>AS SPECIFIED</b>	ALLOY & TEMPER: <b>6063-T5</b>	PERIMETER: <b>AS SPECIFIED</b>
<b>Dimensional Tolerances</b> Unless Otherwise Specified		<b>Angles</b>	
X ± .03		0° ± 30 min.	
XX ± .01			
XXX ± .005			
<b>SIMONTON®</b> 1 Cochran Avenue Ferdinand, WV 26415		<b>SIZE/DRAWING NO.:</b> B INDA32	
SCALE: <b>1" = 1'</b>		DATE: <b>02/04/09</b>	
SHEET: <b>1 of 1</b>		CHECKED BY: <b>DATE:</b>	
APPROVED BY: <b>DATE:</b>		APPROVED BY: <b>DATE:</b>	
TITLE: <b>43-50 DOUBLE HUNG</b>		DATE: <b>02/04/09</b>	
		DATE: <b>02/23/12</b>	

WOOD DET

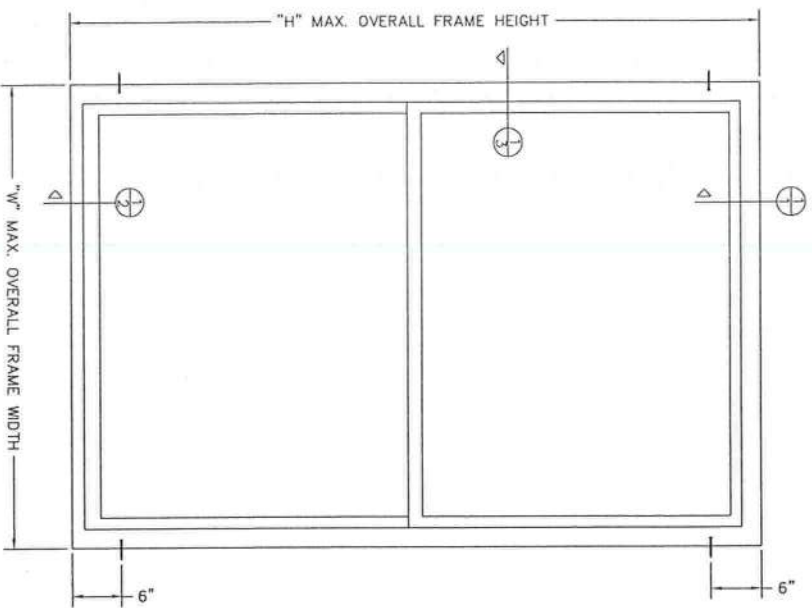
**MODEL DESIGNATION:** Simonon Double Hung Series 75-75 / 75-09 / 07-75 / 07-09 / 07-10 / 07-20 Vinyl Window

**MAXIMUM OVERALL NOMINAL SIZE:** See Size Chart

**DESIGN PRESSURE RATING:** See Size Chart

**USABLE CONFIGURATIONS:** X  
X

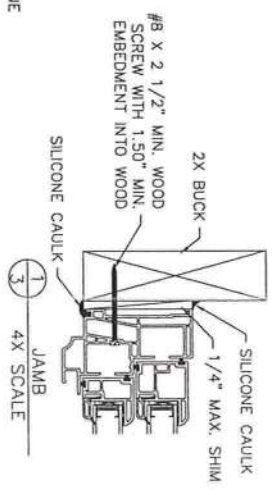
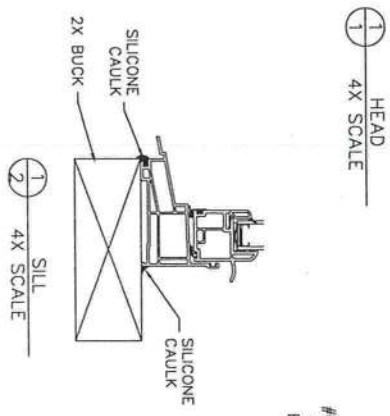
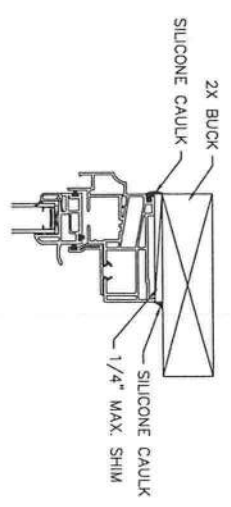
**GENERAL DESCRIPTION:** The head, sill, and side jamba are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



SIZE CHART		
OVERALL SIZE	DP RATING	
WIDTH "W"	HEIGHT "H"	
48"	80"	±25 PSF
* 53"	74"	±30 PSF
* 48"	80"	±35 PSF
52"	71"	±40 PSF
* 53"	80"	±50 PSF
36"	63"	±50 PSF
36"	74"	±55 PSF
36"	72"	±55 PSF

\* THIS DP RATING IS VALID ONLY FOR SERIES 07-75 DOUBLE HUNG UNITS

NO P.E. SEAL REQUIRED  
INSTALLATION SUPPORTED  
BY AAMA TEST REPORTS



REV. #	REVISIONS	REVISED BY	DATE
1	UPDATED SIZE CHART PER NEW TEST REPORTS. ADDED 75-09 & 75-10 TO SIZE CHART	T.O.D.	12/10/09
2	ADDED FLASHING NOTE	T.O.D.	12/23/09
3	ADDED NOTE 7I AND UPDATED SIZES PER NEW TESTING	T.O.D.	06/02/11
4	ADDED NOTE 7I AND UPDATED SIZES PER NEW TESTING	T.O.D.	07/10/12

- NOTES:**
1. This installation has been evaluated for use in locations adhering to the Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z. Interior caulking is optional unless noted otherwise.
  2. All exterior perimeter surfaces of the window must be caulked. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
  3. Anchors shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
  4. The responsibility for selection of Simonon products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
  5. Shims are optional. Max. shim stock is 1/4".
  6. Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
  7. When used in areas requiring impact protection this product REQUIRES the use of approved impact resistant shutters or other external protection.
  8. Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
  9. Installation screws must be at least 3/4" from the edge of the wood.
  10. Installation screws may be placed in the interior or exterior track of the jamb. Screws should be flush with the vinyl.
  11. This product complies with ASTM E 1300-04.

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FILE: IN013

<b>MATERIALS:</b>		<b>FINISH TREATMENT:</b>	
RAMS FINISH:	EXACT AS SHOWN	PERIMETER:	
ALLOY & TEMPER:		VOLUME:	
WEIGHT:		PERIMETER:	
SURFACE AREA:			
Dimensional Tolerances Unless Otherwise Specified		Decimals	
		Angles	
		0° 30 min.	
		.X ± .01	
		.XX ± .01	
		.XXX ± .005	
<b>SIMONON</b>		<b>SCALE:</b> 1/8" = 1"	
1 Cochran Avenue		<b>SERIES:</b> 07-09 / 07-10 / 07-20 DOUBLE HUNG	
Fountainville, WV 26415		<b>TITLE:</b> 2X BUCK INSTALLATION (AS TESTED)	
<b>SIZE/DRAWING NO.:</b> B IN0113	<b>DATE:</b> 02/07/07	<b>APPROV BY:</b> [Signature]	<b>DATE:</b> [Signature]
<b>DRAWN BY:</b> [Signature]	<b>T.O.D.:</b> [Signature]	<b>CHECKED BY:</b> [Signature]	<b>DATE:</b> [Signature]

\* US500 TDH \*

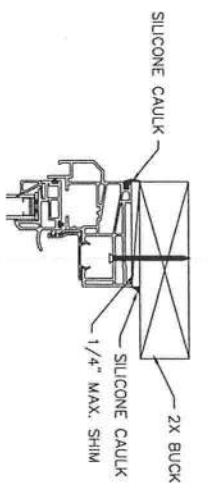
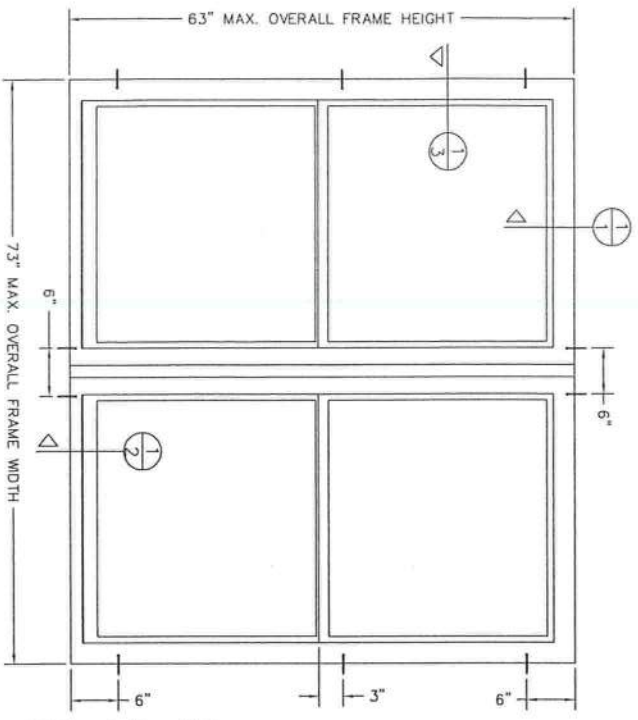
MODEL DESIGNATION: Simonton Double Hung with Stacked Fixed Series 75-75 Vny Window

MAXIMUM OVERALL NOMINAL SIZE: H-Mulled Twin up to 73" x 63"

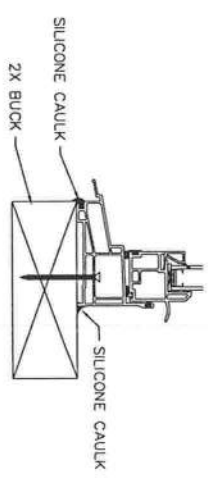
DESIGN PRESSURE RATING: Positive: 50.0 PSF  
Negative: 50.0 PSF

USABLE CONFIGURATIONS:  $\frac{X}{X}$   
 $\frac{X}{X}$

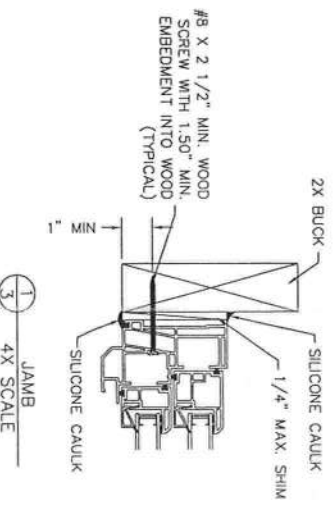
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



1 HEAD  
4X SCALE



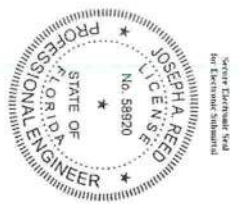
2 SILL  
4X SCALE



3 JAMB  
4X SCALE

- NOTES:
1. Installations depicted satisfy the requirements of the 2007 Florida Building Code (with 2009 supplement) and 2010 Florida Building Code.
  2. Wood screw lengths shall be sufficient to guarantee 1-1/2" penetration into wood buck.
  3. Wood screw materials and dimensions shall meet the requirements of ANSI / AF&PA National Design Specification for Wood Construction and ANSI / ASME Standard B18.6.1
  4. Maximum shim thickness of 1/4" permitted at each fastener location. Shims shall be non-compressible and load bearing type.
  5. All interior and exterior perimeter surfaces of the window must be caulked.
  6. When the optional head expanders are used, the INSTALLER MUST ADJUST the anchor lengths to maintain the required minimum embedment into the substrate.
  7. Wood buck installations (by others) are assumed 2x S-P-F (G=0.42) or denser. Buck width shall be greater than the window frame width. Tapered or partial width bucks are not allowed. Wood buck shall be secured to the structure to transfer and resist all design loads.
  8. Pre-drill the thru hole at specified installation screw locations.
  9. Products are non-impact and will require approved protection devices if used in wind-borne debris regions.
  10. Not for use in High Velocity Hurricane Zone (HVHZ)

Approval Drawing No. B5764.01-122-34-A(01)  
12/20/2011



Joseph A. Reed, P.E.  
FL PE 58920  
Architectural Testing, Inc.  
130 Derry Ct.  
York, PA 17406  
717-764-7700  
FL COA 29274  
Project B5764.01-122-34

Date: 2011.12.21 11:23:50 -0500

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MATERIAL:	RMS FINISH:	EXTRUSION:	WEIGHT:	VOLUME:	PERIMETER:	FINISH TREATMENT:	Dimensional Tolerances Unless Otherwise Specified	Angles	Scale	Sheet	Approved By	Date
							Decimals .XX ± .01 .XXX ± .005	0° - 30 min.	75-75 TWIN (H-MULL) DOUBLE HUNG	1 of 1		

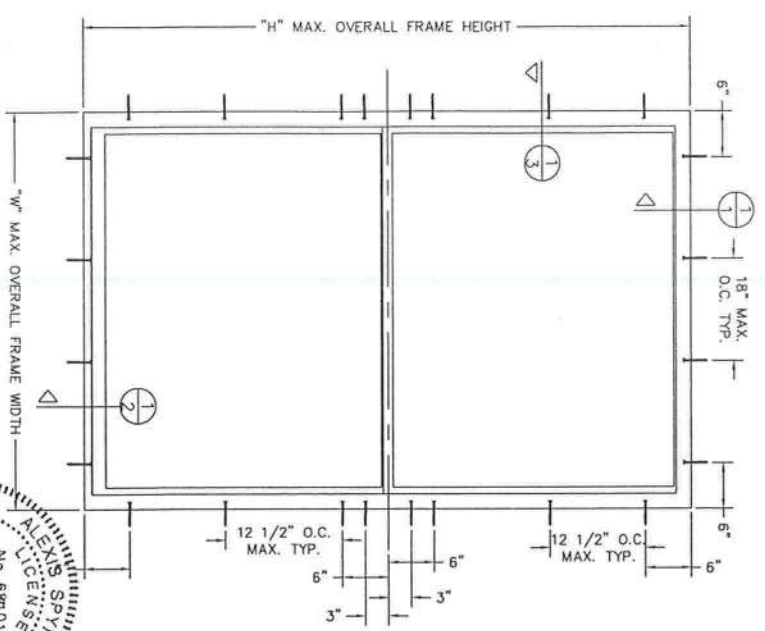
REV	REVISIONS	RECEIVED BY	DATE
1	CHANGED INSTALLATION TYPE PER TEST REPORT	T.O.D.	10/27/08
2	UPDATED NOTES AND GENERAL DESCRIPTION.	T.O.D.	03/03/11
3	UPDATED UNIT SIZE PER NEW TESTING * ADDED FLASHING NOTE	T.O.D.	06/02/11

**SIMONTON**  
1 Cochran Avenue  
Pensacola, WV 26415

SIZE/DRAWING NO.: REV: 3  
DRAWN BY: DATE: 03/21/08  
CHECKED BY: DATE:  
APPROVED BY: DATE:

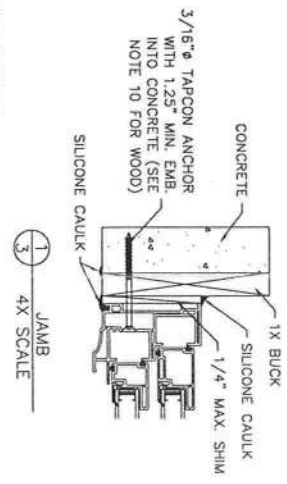
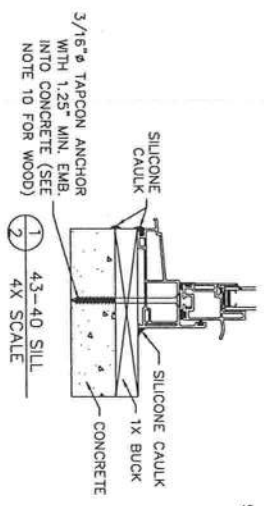
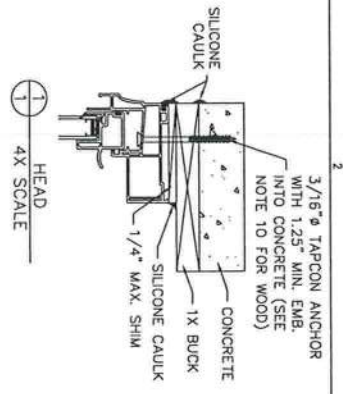
MODEL DESIGNATION: **Simonon Double Hung Series 43-40 / 43-45 Vinyl Window**  
 MAXIMUM OVERALL NOMINAL SIZE: **See Size Chart**  
 DESIGN PRESSURE RATING: **See Size Chart**  
 USABLE CONFIGURATIONS: **X**

GENERAL DESCRIPTION: **The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.120".**



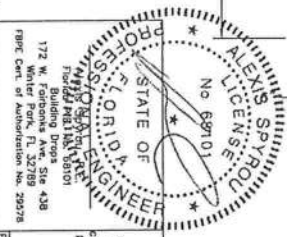
SIZE CHART			DP RATING
OVERALL SIZE WIDTH "W"	OVERALL SIZE HEIGHT "H"	DP RATING	
46"	84"	±25 PSF	
36"	72"	±30 PSF	
48"	80"	±35 PSF	
44"	63"	±35 PSF	
52"	71"	±35 PSF	
36"	63"	±45 PSF	
36"	63"	±45 PSF	
44"	63"	±45 PSF	
36"	74"	±50 PSF	
32"	62"	±50 PSF	

NOTES:  
 1. This installation has been evaluated for use in locations adhering to the Florida Building Code and where design pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings listed herein.  
 2. For installation where the sub-buck is less than 1 1/2" (FBC chapter 17 Anchorage Methods) Topcon type concrete anchors must be used and the length must be such that a minimum 1 1/4" embedment of the Topcon into the concrete or concrete block is obtained, unless otherwise noted. Anchors should be a minimum of 2 1/2" from the edge of the concrete, hollow block CMU, or concrete block.  
 3. All interior and exterior perimeter surfaces of the window must be caulked.  
 4. Adjust Topcon anchor locations, if necessary, to maintain a minimum of 2.0" clearance from mortar joints.  
 5. When the optional head expanders are used, the INSTALLER MUST ADJUST the anchor lengths to maintain the required minimum embedment into the substrate.  
 6. Anchors shall be specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood or concrete that full support of the frame is provided.  
 7. Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure. Bucks shall extend beyond interior face of frame such that full support of the frame is provided.  
 8. Follow ITW/Eico Topcon anchoring instructions.  
 9. The responsibility for selection of Simonon Products to meet any applicable local laws, building codes, ordinances, or other society requirements rests solely with the architect, building owner, or contractor.  
 10. For woodbuck substrates, use #10 wood screws with 1 1/2" min. embedment into wood, unless otherwise noted. Screws should be a minimum of 3/4" from the edge of the wood.  
 11. A. Concrete compressive strength = 3000 PSI at 28 days.  
 B. Concrete Masonry Units shall conform with strength requirements of ASTM C90.  
 C. Wood Minimum Specific Gravity = 0.55.  
 12. Shims are optional. Max. shim stack is 1/4".  
 13. When using a 3/16" Topcon or #10 wood screw through the window frame, pre-drill the thru hole at specified installation screw locations.  
 14. When used in areas requiring impact protection, this product REQUIRES the use of approved impact resistant shutters or other external protection.  
 15. Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.  
 16. Glazing shall comply with ASTM E 1300-04.



REV #	REVISIONS	REMOVED BY	DATE
1	UPDATED NOTES: GENERAL DESCRIPTION, AND SIZES FOR P.E. SEAL AND REMOVED	T.O.D.	12/22/09
2	43-45 SIZES PER NEW TESTING AND ADDED NOTES 15 & 16	T.O.D.	02/01/10
3	NOTES 15 & 16	T.O.D.	11/20/11

ALEX SPYROU  
 2012.02.12 20:34:42 -05'00'



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MATERIAL:	
RAUS FINISH:	WOOD
ALLOY & TOLERANCES:	UNLESS OTHERWISE SPECIFIED
WEIGHT:	DECIgrams
SURFACE AREA:	XX ± .01
VOLUME:	0 ± 30 min.
PERIMETER:	.xxx ± .005

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED	
Angles	0° ± 30 min.

**SIMONON**  
 1 Cochran Avenue  
 Petersburg, VA 26415

SCALE: FIT  
 SHEETS: 1 of 1

APPROV'D BY: DATE:  
 CHECKED BY: DATE:  
 DRAWN BY: DATE:

TITLE: 43-40 DOUBLE HUNG 1X BUCK INSTALLATION

\* 2100 w/ 1x Buck \*

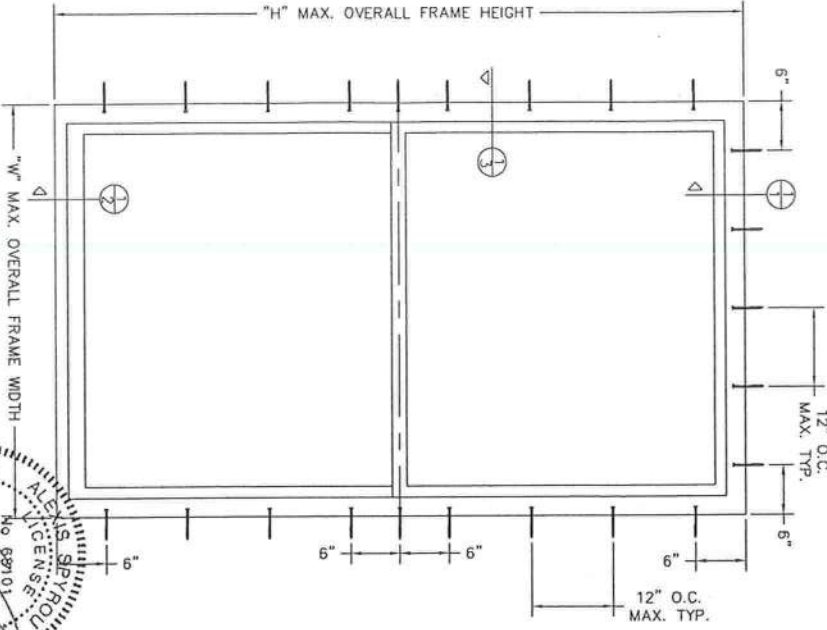
MODEL DESIGNATION: Simonon Double Hung Series 75-75 / 07-75 / 75-09 / 07-09 / 07-10 / 07-20 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: X

GENERAL DESCRIPTION: The head, sill, and side jamba are extruded PVC. The Wall thickness through which the anchor screw penetrates is a minimum of 0.120".

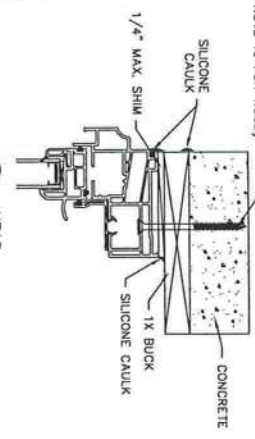


SIZE CHART		DP RATING
OVERALL SIZE WIDTH "W"	OVERALL SIZE HEIGHT "H"	
48"	96"	±20 PSF
56"	84"	±25 PSF
48"	80"	±30 PSF
53"	74"	±35 PSF
48"	80"	±40 PSF
52"	71"	±40 PSF
53"	80"	±50 PSF
36"	63"	±50 PSF
36"	74"	±55 PSF
36"	72"	±55 PSF

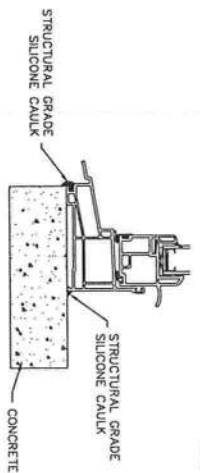
\* VALID FOR 07-75 SERIES ONLY

- NOTES:
- This installation has been evaluated for use in locations adhering to the Florida Building Code and where design pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings listed herein.
  - For installation where the sub-buck is less than 1 1/2" (FBC chapter 17 Anchorage Methods) Topcon type concrete anchors must be used and the length must be such that a minimum 1 1/4" embedment of the Topcon into the concrete or concrete block is obtained, unless otherwise noted. Anchors should be a minimum of 2 1/2" from the edge of the concrete hollow block CMU, or concrete block.
  - All interior and exterior perimeter surfaces of the window must be caulked.
  - Adjust Topcon anchor locations, if necessary, to maintain a minimum of 2.0" clearance from mortar joints.
  - Adjust Topcon anchor locations, if necessary, to maintain the required minimum embedment into the substrate.
  - When the optional head expanders are used, the INSTALLER MUST ADJUST the anchor lengths to maintain the required minimum embedment into the substrate.
  - Anchors shall be specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood or concrete.
  - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure. Bucks shall extend beyond interior face of frame such that full support of the frame is provided.
  - Follow ITW/Elco Topcon anchoring instructions.
  - The responsibility for selection of Simonon Products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
  - For woodbuck substrates, use #10 wood screws with 1 1/2" min. embedment into wood, unless otherwise noted. Screws should be a minimum of 3/4" from the edge of the wood.
  - Concrete compressive strength = 3000 PSI at 28 days.
  - Concrete Masonry Units shall conform with strength requirements of ASTM C90.
  - Wood Minimum Specific Gravity = 0.55
  - Shims are optional. Max. shim stack is 1/4".
  - When using a 3/16" Topcon or #10 wood screw through the window frame, pre-drill the thru hole at specified installation screw locations.
  - When used in areas requiring impact protection, this product REQUIRES the use of approved impact resistant shutters or other external protection.
  - Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
  - Gozing shall comply with ASTM E 1300-04.

3/16" TOPCON ANCHOR WITH 1.25" MIN. EMB. INTO CONCRETE (SEE NOTE 10 FOR WOOD)

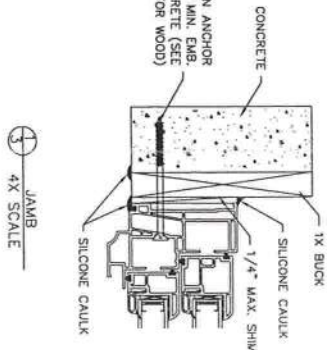


HEAD 4X SCALE



SILL 4X SCALE

3/16" TOPCON ANCHOR WITH 1.25" MIN. EMB. INTO CONCRETE (SEE NOTE 10 FOR WOOD)



JAMB 4X SCALE

REV.	REVISIONS:	REVISD BY:	DATE:
1	UPDATED NOTES, SIZE CHART, AND GENERAL	T.D.D.	12/23/09
2	DESCRIBED SHIM AND NOTE TO SILL SECTION &	T.D.D.	02/01/10
3	ADDED SHIM AND NOTE TO SILL SECTION &	T.D.D.	08/17/10
4	ADDED BOX FOR P.E. SEAL	T.D.D.	09/10/10
5	ADDED 75-75 TO SERIES PER TEST REPORTS	T.D.D.	09/10/10
6	REMOVED ANCHORS FROM SILL AND CALLED OUT STRUCTURAL GRADE SILICONE CAULK	T.D.D.	11/20/11
7	ADDED NOTES 15 & 16.	T.D.D.	11/20/11

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**MATERIAL:**

FINISH	FINISH	FINISH	FINISH
ALLOY & TEMPER	FORM AS SHOWN	WEIGHT	VOLUME
SURFACE AREA	PERIMETER	WEIGHT	VOLUME
FINISH TREATMENT:			

**Dimensional Tolerances Unless Otherwise Specified**

Decimals: X ± .03  
 Angles: .XX ± .01  
 0" - 30 min. .XXX ± .005

**SIMONON**  
 1 Cochran Avenue  
 Farmington, NV 26415

SCALE: FIT  
 SHEET: 1 of 1

APPROVD BY: DATE:  
 DRAWN BY: DATE:  
 CHECKED BY: DATE:  
 T.D.D. INDI32 08/20/07

SIZE/DRAWING NO.: REV: 7  
 INDI32

TITLE: 1X BUCK INSTALLATION

ALEX SPYROU  
 2012.02.12 20:53:19 -05'00'



STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 No. 689101

172 N. Magnolia Blvd., Suite 438  
 Winter Park, FL 32789  
 Phone: 407-939-1111  
 Fax: 407-939-1112  
 www.alexspyrou.com

Handwritten note: 1X BUCK INSTALLATION

FLORIDA DEPARTMENT OF  
**Business & Professional Regulation**

10001010010500 P10



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Florida Department of  
**Business & Professional Regulation**



**Product Approval**  
USER: Public User

License efficiently. Regulate fairly.

Product Approval Menu > Product or Application Search > Application List > **Application Detail**

EMERGENCY MANAGEMENT  
OFFICE OF THE SECRETARY

FL #  
Application Type  
Code Version  
Application Status

**FL5177-R8**  
Revision  
**2010**

Approved

\*Approved by DCA. Approvals by DCA shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments  
Archived

1

Product Manufacturer  
Address/Phone/Email

**Simonton Windows**  
1 Cochrane Ave  
Pennsboro, WV 26415  
(800) 746-6687 Ext 2329  
tiffany\_davies@simonton.com

Authorized Signature

Tiffany Davies  
tiffany\_davies@simonton.com

Technical Representative  
Address/Phone/Email

Tiffany Davies  
PO Box 1646  
5300 Briscoe Road  
Parkersburg, WV 26102

(800) 542-9118 Ext 9329  
tiffany\_davies@simonton.com

Quality Assurance Representative  
Address/Phone/Email

AAMA  
1827 Walden Office Square  
Suite 550  
Schaumburg, IL 60173  
(847) 303-5664  
webmaster@aamanet.org

Category  
Subcategory

Windows  
Fixed

Compliance Method

Certification Mark or Listing

Certification Agency  
Validated By

American Architectural Manufacturers Association  
American Architectural Manufacturers Association

Referenced Standard and Year (of Standard)

Standard	Year
AAMA 450	2010
AAMA/WDMA/CSA 101/1.S 2/A440	2005

Equivalence of Product Standards  
Certified By

Product Approval Method

Method 1 Option A

Date Submitted 02/24/2012  
 Date Validated 03/08/2012  
 Date Pending FBC Approval  
 Date Approved 03/14/2012

**Summary of Products**

FL #	Model, Number or Name	Description
5177.1	07-09, 07-10, 07-20	Reflections 5500, Prism Platinum, Sears 9300, Impressions 9800, Generations, Grand Estates Premium Plus, Grandura Vinyl Fixed
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-55 Other: 74x63		
5177.2	07-75, 07-09, 07-10, 07-20	Reflections 5500, Prism Platinum, Sears 9300, Impressions 9800, Generations, Grand Estates Premium Plus, Grandura, THD 6500 Vantage Pointe Vinyl Fixed
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 96x72 (+/-45 PSF), 63x63 (+/-50 PSF), 72x63 (+/-60 PSF)		
<b>Certification Agency Certificate</b> FL5177 R8 C CAC 07-09 07-75 PW 63x63 LC50.pdf FL5177 R8 C CAC 07-09 07-75 PW 72x63 LC60.pdf FL5177 R8 C CAC 07-09 07-75 PW 96x72 LC45.pdf FL5177 R8 C CAC -10 -20 waiver to -09.pdf <b>Quality Assurance Contract Expiration Date</b> 11/18/2013 <b>Installation Instructions</b> FL5177 R8 II IN0222 07-75 07-09 07-10 07-20 PW 2X.pdf Verified By: American Architectural Manufacturers		
<b>Evaluation Reports</b> Created by Independent Third Party:		
<b>Installation Instructions</b> FL5177 R8 II IN0108 07-09 07-10 07-20 PW 2X.pdf Verified By: American Architectural Manufacturers Association		

\* 6500 P3\*



**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** No  
**Design Pressure:** N/A  
**Other:** 96x72 (+/-30 PSF), 96x63 (+/-50 PSF), 80x48 (+/-55 PSF)

FL5177 R8 C CAC 41-18 pw 80x48 C55.pdf  
 FL5177 R8 C CAC 41-18 PW 96x63 C50.pdf  
**Quality Assurance Contract Expiration Date**  
 09/08/2012  
**Installation Instructions**  
 FL5177 R8 II IN0237 41-18 PW 2X.pdf  
 Verified By: American Architectural Manufacturers Association  
 Created by Independent Third Party:  
**Evaluation Reports**  
 Created by Independent Third Party:

**Limits of Use**  
**Approved for use in HVHZ:** No  
**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** No  
**Design Pressure:** N/A  
**Other:** 89x63 (+/-30 PSF), 97x80 (+/-40 PSF), 73x74 (+/-50 PSF)

ProFinish Brickmould 300 Vinyl Fixed Twin  
**Certification Agency Certificate**  
 FL5177 R8 C CAC 41-18 PW Twin 73x74 R50.pdf  
 FL5177 R8 C CAC 41-18 PW Twin 89x63 R30.pdf  
 FL5177 R8 C CAC 41-18 PW Twin 97x80 R25.pdf  
 FL5177 R8 C CAC 41-18 PW Twin 97x80 R40.pdf  
**Quality Assurance Contract Expiration Date**  
 10/07/2012  
**Installation Instructions**  
 FL5177 R8 II IN0240 41-18 PW Twin 2X.pdf  
 Verified By: American Architectural Manufacturers Association  
 Created by Independent Third Party:  
**Evaluation Reports**  
 Created by Independent Third Party:

**Limits of Use**  
**Approved for use in HVHZ:** No  
**Approved for use outside HVHZ:** Yes  
**Impact Resistant:** No  
**Design Pressure:** +35/-35  
**Other:** 109x63

ProFinish Brickmould 300 Vinyl Fixed Triple  
**Certification Agency Certificate**  
 FL5177 R8 C CAC 41-18 PW Triple 109x63 R35.pdf  
**Quality Assurance Contract Expiration Date**  
 10/14/2013  
**Installation Instructions**  
 FL5177 R8 II IN0310 41-18 PW Triple 2X.pdf  
 Verified By: American Architectural Manufacturers Association  
 Created by Independent Third Party:  
**Evaluation Reports**  
 Created by Independent Third Party:

5177.8	43-06	ProFinish Builder, THD 6060 Vantage Pointe Vinyl Fix
--------	-------	--

\* 10000 AS\*

<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> 96x72 (+/-30 PSF), 96x63 (+/-45 PSF), 72x63 (+/-50 PSF)</p>	<p><b>Certification Agency Certificate</b>  FL5177 R8 C CAC 43-06 PW 72x63 R50.pdf  FL5177 R8 C CAC 43-06 PW 96x63 c45.pdf  FL5177 R8 C CAC 43-06 PW 96x72 R30.pdf  <b>Quality Assurance Contract Expiration Date</b>  06/03/2012  <b>Installation Instructions</b>  FL5177 R8 II IN0294 43-06 PW 2X.pdf  Verified By: American Architectural Manufacturers Association  Created by Independent Third Party:  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
<p>5177.9</p> <p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> N/A  <b>Other:</b> 96x72 (+/-30 PSF), 96x63 (+/-35 PSF), 74x63 (+/-50 PSF), 80x48 (+/-55 PSF)</p>	<p>43-17</p> <p>ProFinish Contractor/Master, Grand Estates New Construction Vinyl Fixed</p> <p><b>Certification Agency Certificate</b>  FL5177 R8 C CAC 43-17 PW 74x63 R50.pdf  FL5177 R8 C CAC 43-17 PW 80x48 R55.pdf  FL5177 R8 C CAC 43-17 PW 96x63 R35.pdf  FL5177 R8 C CAC 43-17 PW 96x72 C30.pdf  <b>Quality Assurance Contract Expiration Date</b>  03/12/2013  <b>Installation Instructions</b>  FL5177 R8 II IN0278 43-17 PW 2X.pdf  Verified By: American Architectural Manufacturers Association  Created by Independent Third Party:  <b>Evaluation Reports</b>  Created by Independent Third Party:</p>
<p>5177.10</p> <p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> No  <b>Design Pressure:</b> +40/-40  <b>Other:</b> 97x80</p>	<p>43-17</p> <p>ProFinish Contractor/Master, Grand Estates New Construction Vinyl Fixed Twin</p> <p><b>Certification Agency Certificate</b>  FL5177 R8 C CAC 43-17 PW Twin 97x80 R40.pdf  <b>Quality Assurance Contract Expiration Date</b>  06/15/2013  <b>Installation Instructions</b>  FL5177 R8 II IN0089 43-17 PW Twin 2X.pdf  Verified By: American Architectural Manufacturers Association</p>

\* 6500 PS

MODEL DESIGNATION: Simonton Series 07-75 / 07-09 / 07-10 / 07-20 Vinyl Fixed Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

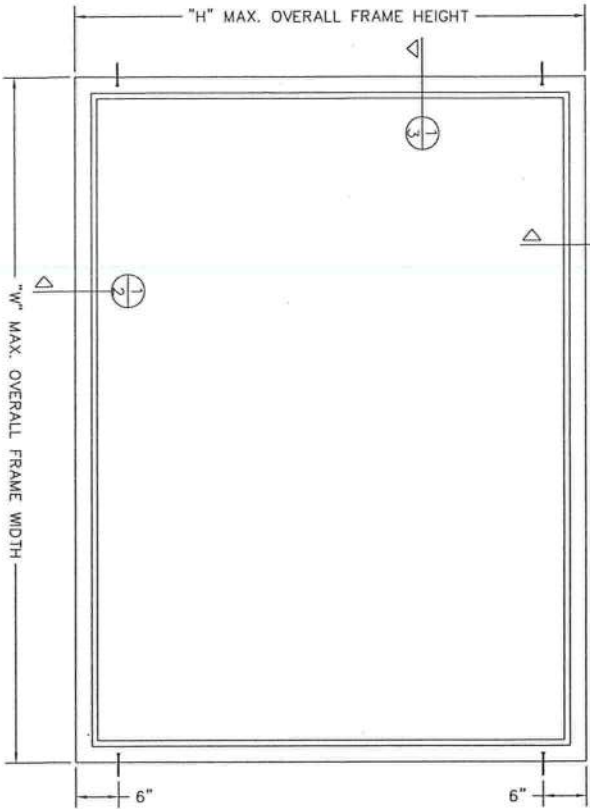
DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: 0

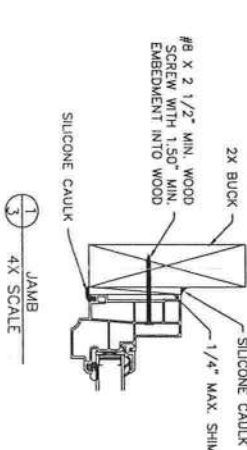
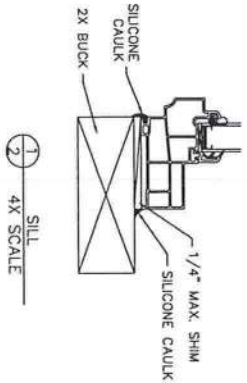
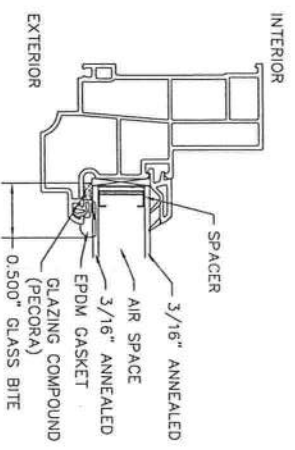
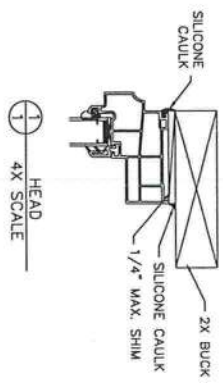
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

NO P.E. SEAL REQUIRED  
INSTALLATION SUPPORTED  
BY AAMA TEST REPORTS

REV.	REVISIONS:	REVISOR	DATE
1	UPDATED NOTES AND GENERAL DESCRIPTION.	T.D.O.	02/27/11
2	ADDED GLAZING DETAILS.	T.D.O.	06/06/11



OVERALL SIZE	DP RATING
WIDTH "W"	
96"	±45 PSF
63"	±50 PSF
72"	±60 PSF
HEIGHT "H"	
96"	±45 PSF
63"	±50 PSF
72"	±60 PSF



- NOTES:**
- This installation has been evaluated for use in locations adhering to the Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z.
  - All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
  - Anchor bolts shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
  - The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances or other safety requirements rests solely with the architect, building codes, or contractor.
  - Shims are optional. Max. shim stack is 1/4".
  - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
  - When used in areas requiring impact protection this product **REQUIRES** the use of approved impact resistant shutters or other external protection.
  - Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.
  - Installation screws must be at least 3/4" from the edge of the wood.

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<b>MATERIAL:</b>	WOOD: DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED
<b>FINISH:</b>	WOOD: UNFINISHED
<b>WEIGHT:</b>	SEE WEIGHTS AND DIMENSIONS
<b>VOLUME:</b>	SEE WEIGHTS AND DIMENSIONS
<b>PERIMETER:</b>	SEE WEIGHTS AND DIMENSIONS

**SIMONTON**  
1 Cadenham Avenue  
Fennellsburg, WV 26035

**DESIGNING NO.:** IN0222  
**REV.:** 2

**DRAWN BY:** DATE: 06/17/08  
**CHECKED BY:** DATE:

**SHEET:** 1 of 1  
**APPROVED BY:** DATE:

**SCALE:** FIT  
**DATE:** 07-75 / 07-09 / 07-10 / 07-20 PW

**TITLE:** 2x BUCK INSTALLATION

\* 10060 RW

MODEL DESIGNATION: Simonton Series 43-06 Vinyl Fixed Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

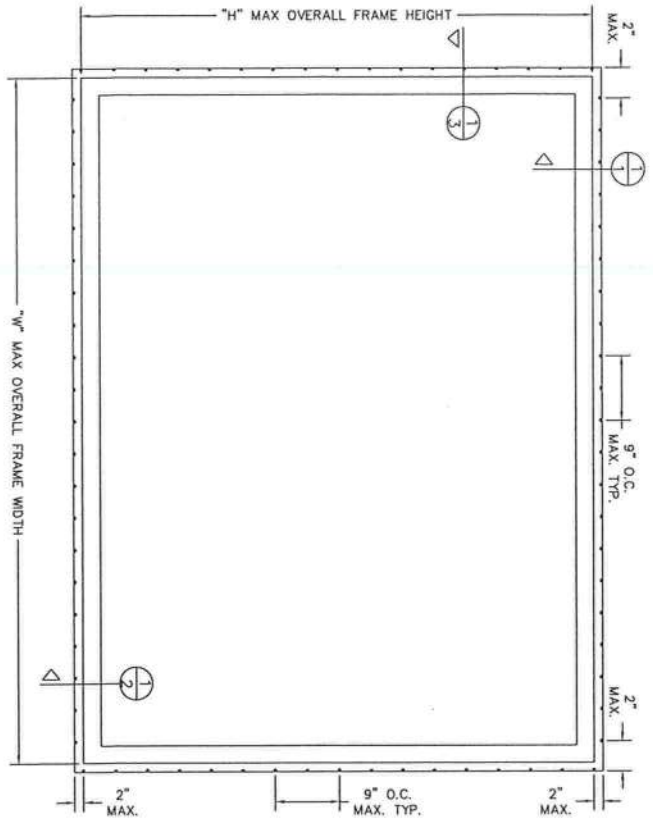
DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: 0

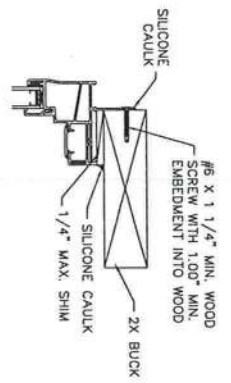
GENERAL DESCRIPTION: The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

NO P.E. SEAL REQUIRED  
INSTALLATION SUPPORTED  
BY AAMA TEST REPORTS

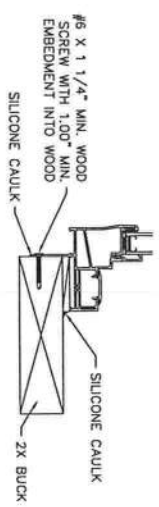
REV	REVISIONS	REMOVED BY	DATE
1			
2	ADDED 72x63 PER TEST REPORT 99629.01.	T.D.D.	07/08/10
3	UPDATED NOTES AND GENERAL DESCRIPTION.	T.D.D.	07/09/10
4	ADDED FLASHING NOTE	T.D.D.	02/21/11
5	UPDATED SIZES PER NEW TESTING.	T.D.D.	05/23/11
6	ADDED GLAZING DETAILS.	T.D.D.	06/09/11



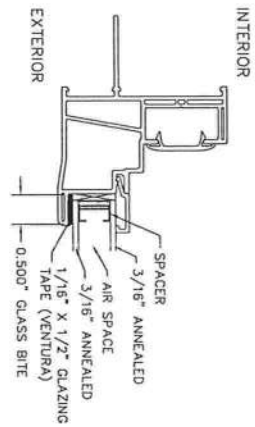
OVERALL SIZE	DP RATING
Width "W"	
96"	±30 PSF
72"	±45 PSF
96"	±45 PSF
63"	±50 PSF
72"	±50 PSF



① HEAD  
4X SCALE



② SILL  
4X SCALE



③ JAMB  
4X SCALE

- NOTES:**
- This installation has been evaluated for use in locations adhering to the Florida Building Codes and where pressure requirements are determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H, V, H, Z.
  - All exterior perimeter surfaces of the window must be caulked. Interior caulking is optional unless noted otherwise.
  - Anchor bolts shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into concrete.
  - Responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
  - Shims are optional. Max. shim stock is 1/4".
  - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
  - When used in areas requiring impact protection this product **REQUIRES** the use of approved impact resistant shutters or other external protection.
  - Flashing should be applied using the ASTM E 2112 method appropriate for the opening into which the window is being installed.

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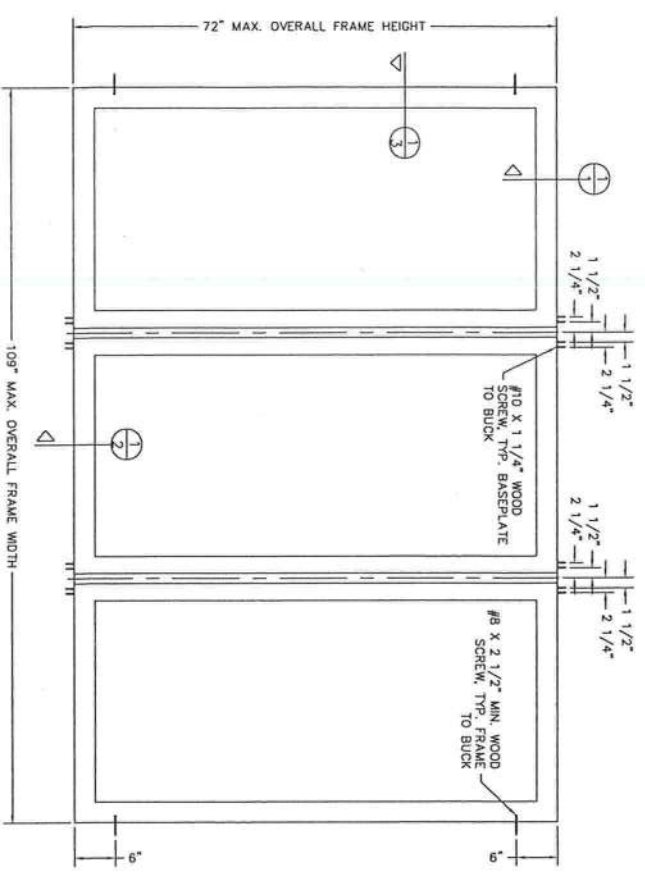
FILE: IN0234

<b>MATERIAL:</b>	ROST FINISH: ALLOY & TEMPER:	Dimensional Tolerances Unless Otherwise Specified	DECIMALS: .03	ANGLES: 0° 30 min.
			PERIMETER: .005	
		SIZE/DRAWING NO: B IN0294	REV: 5	
DRAWN BY: DATE: 1/24/11 CHECKED BY: DATE: 1/24/11 APPROVED BY: DATE: 1/24/11		43-06 PICTURE (FIXED) WINDOW 2X BUCK INSTALLATION		

\* 10100 Rev \*

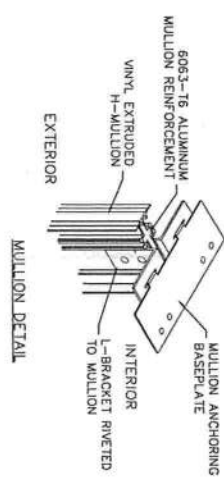
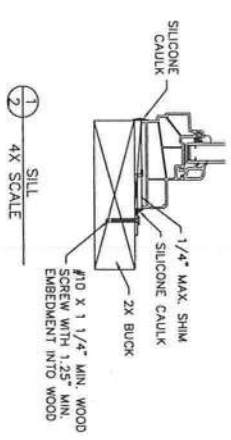
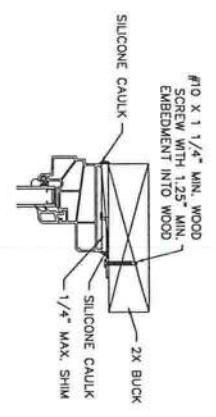
**MODEL DESIGNATION:** Simonton Series 43-35 Vinyl Fixed Window  
**MAXIMUM OVERALL NOMINAL SIZE:** Triple up to 109" x 72"  
**DESIGN PRESSURE RATING:** Positive: 50.0 PSF  
 Negative: 50.0 PSF

**USABLE CONFIGURATIONS:** 000  
**GENERAL DESCRIPTION:** The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



**NO P.E. SEAL REQUIRED  
 INSTALLATION SUPPORTED  
 BY AAMA TEST REPORTS**

REV#	REVISIONS:	REVISIONS:	DATE:
1	REMOVED MULLION REINFORCEMENT & BASEPLATE DETAILS PER 43-35-10	T.O.D.	08/25/09
2	PER TEST REPORT #00008 ON CHANGED SASH-FRAME CODE AND FRAME PROFILES PER NEW TESTING.	T.O.D.	09/22/09
3		T.O.D.	02/24/12



- NOTES:**
- This installation has been evaluated for use in locations adhering to the Florida Building Codes and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings herein, for use outside the H.V.H.Z. Interior caulking is optional unless noted otherwise.
  - All exterior perimeter surfaces of the window must be caulked.
  - Anchors shall be as specified and spaced as shown. Anchor embedment to base material shall be beyond wall dressing or stucco and into wood.
  - The responsibility for selection of Simonton products to meet any applicable local laws, building codes, ordinances, or other safety requirements rests solely with the architect, building owner, or contractor.
  - Shims are optional. Max. shim stock is 1/4".
  - Wood bucks (by others) must be engineered and anchored properly to transfer loads to the structure.
  - When used in areas requiring impact protection this product REQUIRES the use of approved impact resistant shutters or other external protection.
  - Flashing should be applied using the ASTM E 2112 methodology appropriate for the opening into which the window is being installed.
  - Installation screws must be at least 3/4" from the edge of the wood.
  - Gazing shall comply with ASTM E 1300-04.

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FILE: IN0356

<b>MATERIAL:</b>		<b>Dimensional Tolerances</b>	
RMS FINISH:	EXPER. AS SHOWN	Decimals	Angles
ALLOY & TEMPER:		X ± .03	0° 30 min.
WEIGHT:	VOLUME:	XX ± .01	
FINISH TREATMENT:	PERIMETER:	XXX ± .005	

**SIZE/DRAWING NO.:** IN0356  
**REV.:** 3  
**DATE:** 11/09/08  
**CHECKED BY:** DATE:  
**APPROV'D BY:** DATE:  
**TITLE:** 2X BUCK INSTALLATION (AS TESTED)

FLORIDA DEPARTMENT OF  
**Business & Professional Regulation**

*Med Mull*



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**Product Approval**  
USER: Public User



[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

EMERGENCY MANAGEMENT  
OFFICE OF THE SECRETARY

FL #  
Application Type  
Code Version  
Application Status  
Comments  
Archived

FL12119-R1  
Revision  
2010  
Approved

Product Manufacturer  
Address/Phone/Email

**Simonton Windows**  
1 Cochrane Ave  
Pennsboro, WV 26415  
(800) 746-6687 Ext 2329  
tiffany\_davies@simonton.com

Authorized Signature

Tiffany Davies  
tiffany\_davies@simonton.com

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Quality Assurance Representative  
Address/Phone/Email

AAMA  
1827 Walden Office Square  
Suite 550  
Schaumburg, IL 60173  
(847) 303-5664  
webmaster@aamanet.org

Category  
Subcategory

Windows  
Mullions

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed  
Florida Professional Engineer  
 Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who  
developed the Evaluation Report  
Florida License  
Quality Assurance Entity  
Quality Assurance Contract Expiration Date  
Validated By

Lucas Andrew Turner  
PE-58201  
Architectural Testing, Inc.  
12/31/2014  
Shawn G. Collins, PE  
 Validation Checklist - Hardcopy Received

Certificate of Independence

FL12119\_R1\_COI\_EvalReport-RM0051-HVHZ.pdf

Referenced Standard and Year (of Standard)

Equivalence of Product Standards  
Certified By

Sections from the Code

1715.5.5

Product Approval Method

Method 2 Option B

Date Submitted

02/21/2012

Date Validated

03/27/2012

Date Pending FBC Approval

04/11/2012

Date Approved

06/11/2012

**Summary of Products**

FL #	Model, Number or Name	Description
12119.1	07-09 StormBreaker Plus 300VL (for HVHZ)	Large Reinforced Impact Resistant Mullion
<b>Limits of Use</b> Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Design pressure rating varies by unit size. Missile Impact Rating: Large		
12119.2	07-09 StormBreaker Plus 300VL (for HVHZ)	Medium Reinforced Impact Resistant Mullion
<b>Limits of Use</b> Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Design pressure rating varies by unit size. Missile Impact Rating: Large		
12119.3	07-09 StormBreaker Plus 300VL (Outside HVHZ)	Large Reinforced Impact Resistant Mullion
<b>Limits of Use</b> Approved for use in HVHZ: No		
<b>Installation Instructions</b> FL12119_R1_II_RM0051-HVHZ.pdf Verified By: Lucas Andrew Turner, P.E. 58201 Created by Independent Third Party: Yes		<b>Installation Instructions</b> FL12119_R1_II_RM0051-NonHVHZ.pdf



<p><b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Design pressure rating varies by unit size.  <b>Missile Impact Rating:</b> Large</p>	<p>Verified By: Lucas Andrew Turner, P.E. 58202  Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  FL12119_R1_AE_EvalReport-RM0051-NonHVHZ.pdf  Created by Independent Third Party: Yes</p>
<p>12119.4  07-09 StormBreaker Plus 300VL  (Outside HVHZ)</p>	<p>Medium Reinforced Impact Resistant Mullion</p>
<p><b>Limits of Use</b>  <b>Approved for use in HVHZ:</b> No  <b>Approved for use outside HVHZ:</b> Yes  <b>Impact Resistant:</b> Yes  <b>Design Pressure:</b> N/A  <b>Other:</b> Design pressure rating varies by unit size.  <b>Missile Impact Rating:</b> Large</p>	<p><b>Installation Instructions</b>  FL12119_R1_II_RM0052-NonHVHZ.pdf  Verified By: Lucas Andrew Turner, P.E. 58201  Created by Independent Third Party: Yes  <b>Evaluation Reports</b>  FL12119_R1_AE_EvalReport-RM0052-NonHVHZ.pdf  Created by Independent Third Party: Yes</p>

Contact Us :: 1940 North Monroe Street, Tallahassee FL 32399 Phone: 850-487-1824

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**Product Approval Accepts:**



1 COCHRANE AVE. PENNSBORO, WV 26415 PH.  
800-428-2249



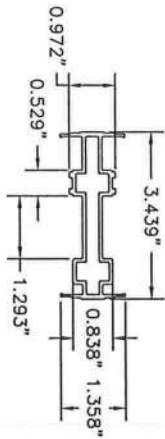
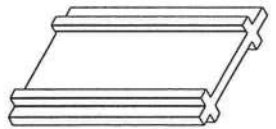
**STORMBREAKER PLUS 300VL SERIES  
MULLIONS WITH MEDIUM ALUMINIUM  
REINFORCEMENT - NON-HVHZ  
FOR IMPACT RESISTANT ASSEMBLIES**

**GENERAL NOTES:**

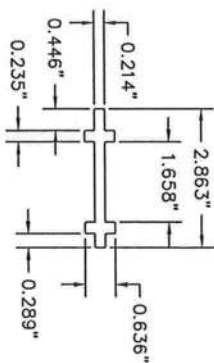
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2010 FLORIDA BUILDING CODE REQUIREMENTS EXCLUDING HVHZ.
2. THIS MULLION IS ONLY VALID WHEN USED IN CONJUNCTION WITH APPLICABLE WINDOW SYSTEMS.
3. ALL WINDOWS USED WITH THIS MULLION SHALL BE QUALIFIED UNDER SEPARATE APPROVAL. ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE FLORIDA BUILDING CODE REQUIREMENTS.
4. ADEQUACY OF EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND STEEL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT INSTALLATION.
5. 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT INSTALLATION.
6. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
7. THIS MULLION SYSTEM IS SUITABLE FOR ASSEMBLY OF IMPACT RESISTANT PRODUCTS AND DOES NOT REQUIRE AN EXTERNAL IMPACT PROTECTIVE DEVICE IN WINDBORNE DEBRIS REGIONS.

NUMBER	DESCRIPTION	PART NO	MATERIAL
1	MEDIUM MULLION COVER	VPI-436	PVC
2	MEDIUM MULLION REINFORCEMENT	20634	6063-T6
3	BASE FLANGE		STEEL
4	MULLION L-BRACKET		STAINLESS STEEL

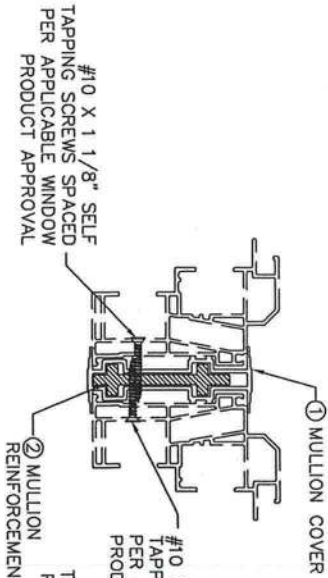
PAGE NO	DESCRIPTION
1	GENERAL NOTES, PARTS LIST AND CROSS SECTIONS
2	ELEVATION AND DESIGN PRESSURE CHARTS
3	MULLION DETAILS & SILL CROSS SECTIONS



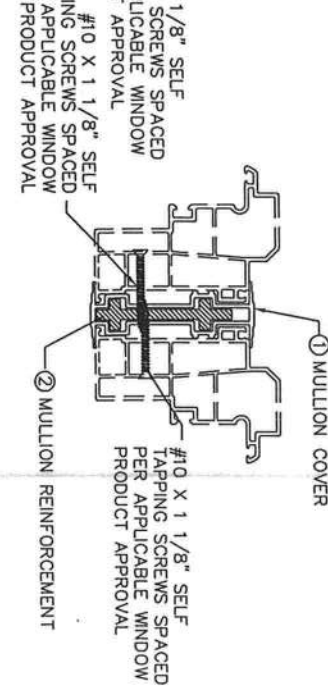
① MEDIUM VINYL MULLION COVER #VPI - 436  
RETROFIT FRAME MULLION  
EXTRUDED VINYL .070" MIN.



② MEDIUM MULLION REINFORCEMENT #20634  
ALUMINIUM 6063-T6



DOUBLE HUNG HORIZONTAL CROSS SECTION



PICTURE (FIXED) HORIZONTAL CROSS SECTION

REV	REVISIONS	REMOVED BY	DATE
2	REVISED PER 2010 FBC	C.P.	01-24-12
1			
0			

Lucas Turner  
2012-03-17 23:06:04:00



3/17/2012

LUCAS A. TURNER, P.E., FL. PE #58201  
TURNER ENGINEERING & CONSULTING, INC.  
FBRP C.O.A. #29779 Ph. 941-380-1574  
2080 MAJAVE TER., NORTH PORT, FL 34286

SCALE: FT

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GENERAL NOTES & CROSS SECTIONS

SIMONTON  
1 Cochran Avenue  
Pennsboro, WV 26415

STORMBREAKER PLUS 300VL MULLION

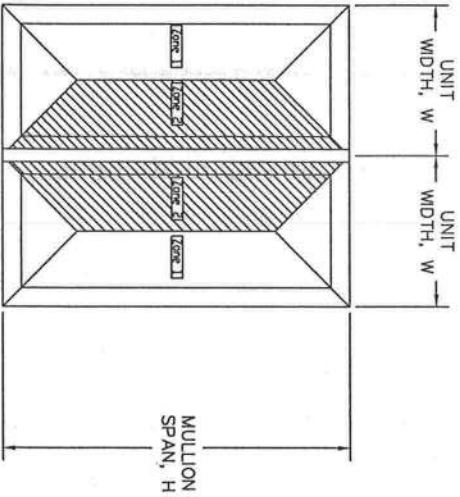
DRAWN BY: DATE: 12/15/08  
CHECKED BY: DATE: 01-24-12

REVISIONS: 2

DATE: 01-24-12

**SIMONTON**  
 1 COCHRANE AVE, PENNSBORO, WV 26415 PH.  
 800-426-2249

**STORMBREAKER PLUS 300VL SERIES  
 MULLIONS WITH MEDIUM ALUMINUM  
 REINFORCEMENT - NON-HVHZ  
 FOR IMPACT RESISTANT ASSEMBLIES**



DESIGN PRESSURE CHART FOR MULLING  
 DOUBLE HUNG WINDOWS, UNITS IN PSF, MULLION #20634

MULL SPAN, H (in)	INDIVIDUAL UNIT WIDTH, W (in)			
	0.0000	30.0000	33.0000	36.0000
42.0000	50.0	50.0	50.0	50.0
52.0000	50.0	50.0	50.0	50.0
60.0000	50.0	50.0	50.0	50.0
65.0000	50.0	46.5	43.5	
70.0000	39.7	36.7	34.2	
74.0000	33.3	30.7	28.6	

DESIGN PRESSURE CHART FOR MULLING  
 FIXED WINDOWS, UNITS IN PSF, MULLION #20634

MULL SPAN, H (in)	INDIVIDUAL UNIT WIDTH, W (in)					
	0.0000	30.0000	33.0000	37.0000	40.0000	53.0000
26.0000	50.0	50.0	50.0	50.0	50.0	50.0
36.0000	50.0	50.0	50.0	50.0	50.0	50.0
42.0000	50.0	50.0	50.0	50.0	50.0	50.0
52.0000	50.0	50.0	50.0	50.0	50.0	50.0
60.0000	50.0	50.0	50.0	50.0	50.0	46.7
65.0000	50.0	46.5	42.7	40.4	34.8	
71.0000	37.9	35.1	32.0	30.2	25.4	
76.0000	30.6	28.3	25.7	24.2	20.0	

**NOTE:**  
 The pressure chart shows the design pressures for the selected mullion span and panel width for achieving bending capacity, deflection and concentrated load limits specified in the Florida Building Code, 2010 edition.

Adhere to fastening instructions provided in this document to achieve the tabulated design pressures.

Multiple mullied conditions are acceptable as long as load width is not exceeded.

REV #	REVISIONS	REMOVED BY	DATE
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-	-	-	-

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3/17/2012

LUCAS A. TURNER, P.E. FL PE #98201  
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 1 COCHRANE AVENUE  
 PENNSBORO, WV 26415

SCALE: FT

SHEET: 2 of 3

APPROVED BY: C.P.

DATE: 01-24-12

TITLE: ELEVATION AND DESIGN PRESSURE CHARTS

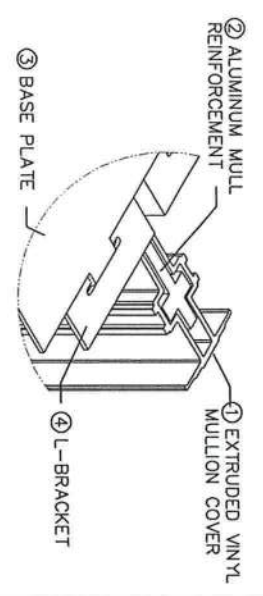
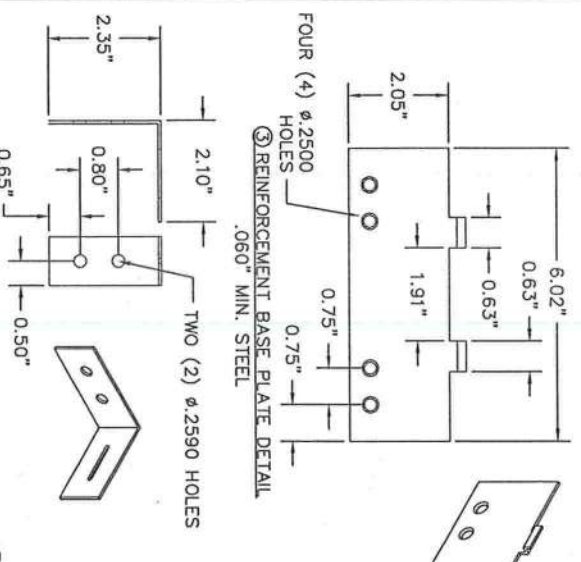
SIMONTON®  
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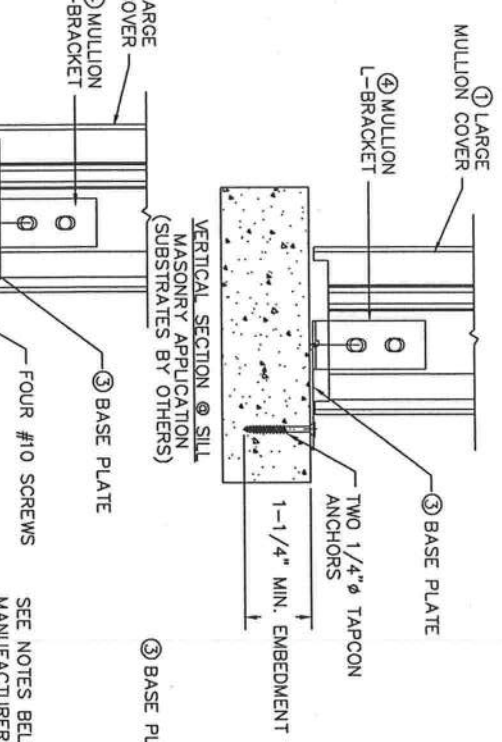
STORMBREAKER PLUS 300VL MULLION

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**STORMBREAKER PLUS 300VL SERIES  
 MULLIONS WITH MEDIUM ALUMINUM  
 REINFORCEMENT - NON-HVHZ  
 FOR IMPACT RESISTANT ASSEMBLIES**



SEE NOTES BELOW AND MANUFACTURER'S ATTACHMENT INSTRUCTIONS FOR ATTACHING REINFORCED MULLIONS TO WINDOW UNITS



**ANCHOR NOTES:**  
 To achieve the required design pressures, adhere to the following fastener requirements:

**INSTALLATION ON WOOD BUICK:**  
 Four (4) #10 wood screws for each base plate with min. 1-1/2" embedment and min. 7/8" wood edge distance.

**INSTALLATION ON CONCRETE/MASONRY**  
 Two (2) 1/4" ITW Tapcon Screws for each base plate with min. 1-1/4" embedment. Install Tapcon anchors at the outermost holes of the base plate with tapcon concrete edge distance greater than 2.0".

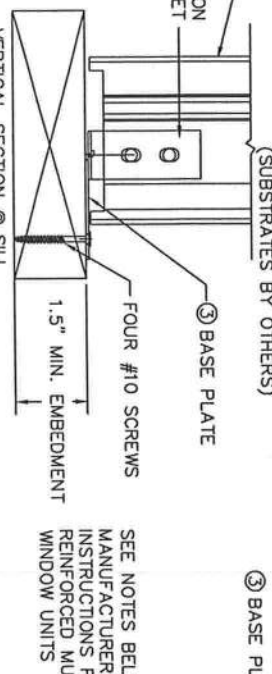
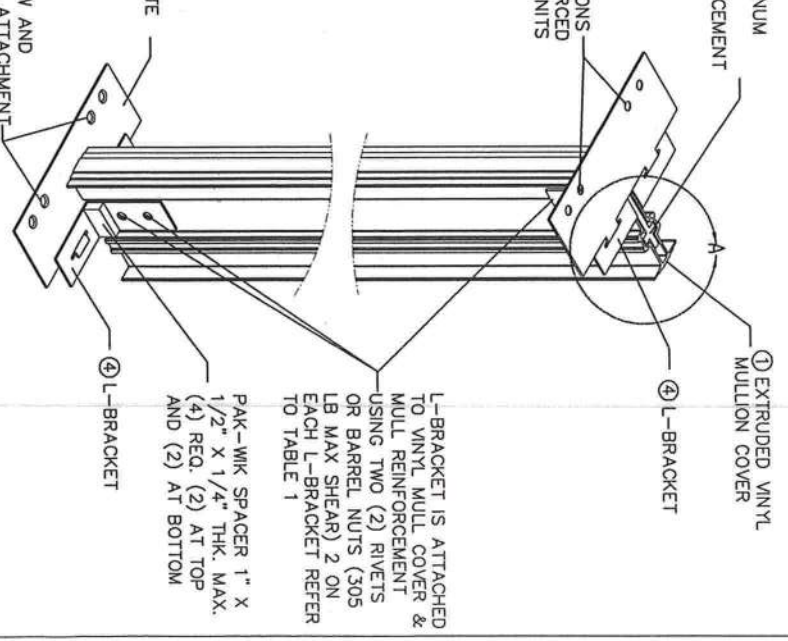


TABLE 1 (MULLION ATTACHING HARDWARE)

RIVET	.25 DIA. STEEL RIVET WITH A GRIP LENGTH OF .50 MAX.
BARREL NUT	#10-.24 OR #10-.32 STAINLESS STEEL BARREL NUT, .250 O.D. X .25 LG WITH .125 MIN ENGAGEMENT



L-BRACKET IS ATTACHED TO VINYL MULL COVER & MULL REINFORCEMENT USING TWO (2) RIVETS OR BARREL NUTS (305 LB MAX SHEAR) 2 ON EACH L-BRACKET REFER TO TABLE 1

PAK-MIK SPACER 1" X 1/2" X 1/4" THK. MAX. (4) REQ. (2) AT TOP AND (2) AT BOTTOM

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3/17/2012

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 PENNSBORO, WV 26415

SCALE: FT

SERIES: STORMBREAKER PLUS 300VL MULLION

TITLE: MULLION DETAILS AND SILL CROSS SECTIONS

APPROV'D BY: DATE: 01-24-12

CHECKED BY: DATE: 12/18/08

DESIGNED BY: DATE: 01-24-12

DATE: 01-24-12

DATE: 12/18/08

DATE: 01-24-12