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Product Approval

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FL #

Application Type

Code Version

Application Status

FL5167-R41

Revision

2020

Approved

FL5167.15

DH 6500

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

Comments

Archived



Product Manufacturer

Address/Phone/Email

Simonton

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(614) 307-3278

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Authorized Signature

Luanne Harris

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Technical Representative

Address/Phone/Email

Quality Assurance Representative

Address/Phone/Email

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Schaumburg, IL 60173

(847) 303-5664

webmaster@aamanet.org

Category

Subcategory

Windows

Double Hung

Compliance Method

Certification Mark or Listing

Certification Agency

Validated By

Fenestration and Glazing Industry Alliance (formerly AAMA)

Fenestration and Glazing Industry Alliance (formerly AAMA)

Referenced Standard and Year (of Standard)

Standard

AAMA 450

AAMA/WDMA/CSA 101/I.S.2 A440

AAMA/WDMA/CSA 101/I.S.2 A440

Year

2010

2011

2008

Equivalence of Product Standards

Certified By

Product Approval Method

Method 1 Option A

		Installation Instructions FL5167_R41_II_IN0535_43-35043-50_DH_Twin_with_Transom_2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.13	43-40 and 43-45	Reflections 5050, Reflections 5300, 6100, PerfeXion Gold, 4000E Vinyl Double Hung Limits of Use 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), 36x63 (+/-45 PSF), 44x63 (+/-45 PSF), 44x63 (+/-35 PSF), 32x62 (+/-50 PSF), 36x74 (+/-50 PSF), 46x84 (+/-25) Certification Agency Certificate FL5167_R41_C_CAC_43-40_DH_(10390)_32x62_PG50.pdf FL5167_R41_C_CAC_43-40_DH_(10592)_44x63_PG35.pdf FL5167_R41_C_CAC_43-40_DH_(12109)_46x84_R-PG25.pdf FL5167_R41_C_CAC_43-40_DH_(12110)_44x63_R-PG45.pdf FL5167_R41_C_CAC_43-40_DH_36x63-R45.pdf FL5167_R41_C_CAC_43-40_DH_36x72-R30.pdf FL5167_R41_C_CAC_43-40_DH_36x74_R-PG50.pdf FL5167_R41_C_CAC_43-40_DH_48x80_R-PG35.pdf FL5167_R41_C_CAC_43-40_DH_52x71-R35.pdf FL5167_R41_C_CAC_43-45_DH_52x71_R-PG35.pdf FL5167_R41_C_CAC_43-45_walver_to_43-40.pdf Quality Assurance Contract Expiration Date 09/12/2026 Installation Instructions FL5167_R41_II_IN0432b_43-40_43-45_DH-2X.pdf FL5167_R41_II_IN0434_43-30_43-45_DH_1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167_R41_AE_EvalReport-IN0434-R8.pdf Created by Independent Third Party: Yes
5167.14	43-50 (Three-Step Sill)	6100, Asure, PerfeXion Silver Vinyl Double Hung 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) Certification Agency Certificate FL5167_R41_C_CAC_43-50_DH_32x62-R50.pdf FL5167_R41_C_CAC_43-50_DH_36x63-R45.pdf FL5167_R41_C_CAC_43-50_DH_36x74-R50.pdf FL5167_R41_C_CAC_43-50_DH_44x63-R45.pdf FL5167_R41_C_CAC_43-50_DH_52x71-R35.pdf Quality Assurance Contract Expiration Date 01/25/2026 Installation Instructions FL5167_R41_II_IN0432_43-50_DH_2X.pdf FL5167_R41_II_IN0569_43-50_DH_1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167_R41_AE_EvalReport-IN0569-R4.pdf Created by Independent Third Party: Yes
5167.15	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Vinyl Double Hung Limits of Use 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) Certification Agency Certificate FL5167_R41_C_CAC_07-75_DH_(11945)_48x80_R-PG35.pdf FL5167_R41_C_CAC_07-75_DH_(12084)_53x74_R-PG30.pdf FL5167_R41_C_CAC_07-75_DH_53x80_R-PG40.pdf FL5167_R41_C_CAC_75-75_DH_(11047)_48x80_PG25.pdf FL5167_R41_C_CAC_75-75_DH_(11048)_36x63_PG50.pdf FL5167_R41_C_CAC_75-75_DH_(11078)_52x71_PG35.pdf FL5167_R41_C_CAC_75-75_DH_(11339)_36x72_PG55.pdf FL5167_R41_C_CAC_75-75_DH_36x74-1C50.pdf FL5167_R41_C_CAC_ACP-05_SIM_07-75_DH_HS_PW_frame_07-09.pdf FL5167_R41_C_CAC_ACP-05_SIM_75-75_07-09_07-75_07-09_75-10_75-20_DH_frame.pdf Quality Assurance Contract Expiration Date 03/25/2025 Installation Instructions FL5167_R41_II_IN0113_75-75_75-09_07-75_07-09_07-10_07-20_DH_2X.pdf FL5167_R41_II_IN0132_75-75_75-09_07-09_07-10_07-20_DH-1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports

		FL5167_R41_AE_EvalReport-IN0132-R12.pdf Created by Independent Third Party: Yes
5167.16	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Double Hung H-Mulled Triple
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 109x74 (+/-50 PSF)		Certification Agency Certificate FL5167_R41_C_CAC_07-09-10-20_and_08-09-10-20_Waiver.pdf FL5167_R41_C_CAC_07-75_waiver_to_07-09.pdf FL5167_R41_C_CAC_75-75_DH_Triple_109x74_R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167_R41_II_IN0060_75-75_DH_Triple_or_Twin_2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.17	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Vinyl Double Hung H-Mulled Twin with Transom
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 73x111 *Glazing complies with ASTM E 1300-04.		Certification Agency Certificate FL5167_R41_C_CAC_07-75_waiver_to_07-09.pdf FL5167_R41_C_CAC_75-75_DH_Twin_w-Transom_73x111_R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167_R41_II_IN0062_75-75_DH_Twin_w_Transom_1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167_R41_AE_EvalReport-IN0062-R8.pdf Created by Independent Third Party: Yes

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Product Approval Accepts:



MODEL DESIGNATION:

Simonton 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:

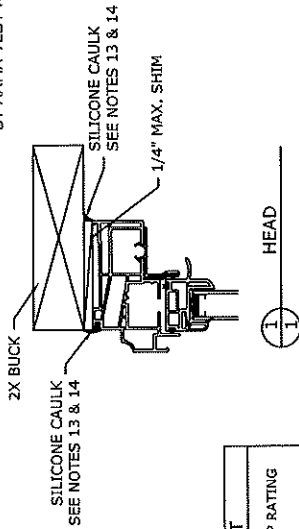
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GENERAL DESCRIPTION:

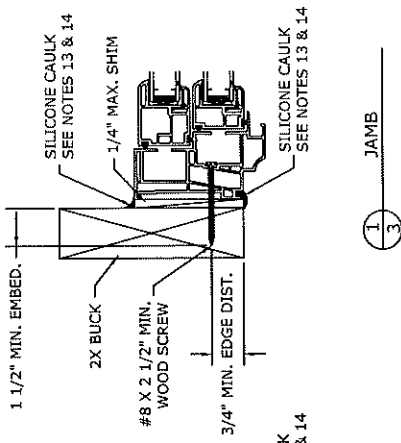
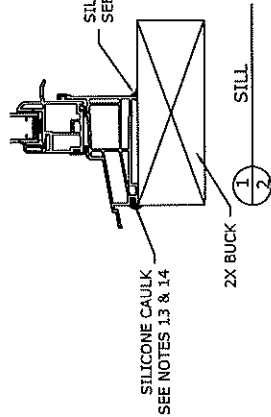
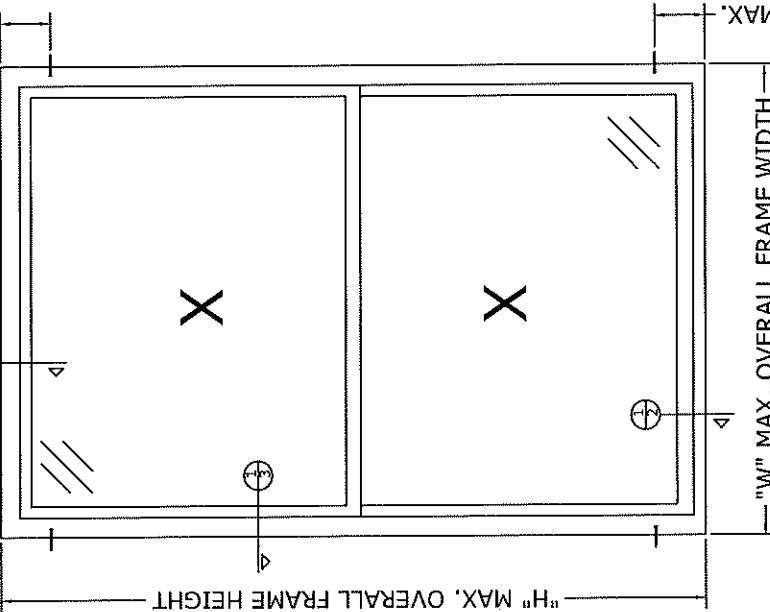
The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".

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

REV. #	REVISIONS:	REVISED BY:	DATE:
10	UPDATED SIZES PER NEW TESTING.	T.D.D.	01/29/14
11	ADDED MIN. EDGE DISTANCE NOTES	GJM	06/16/15
12	ADDED NEW SIZE TO CHART	LPH	07/10/15
13	ADDED NOTES 12 & 13 - AAMA 800	LPH	08/18/16
14	UPDATED SIZES PER NEW TESTING.	LPH	09/11/18



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



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.
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 stack 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.
12. Designation "X" and "O" stand for the following: X: Operable Panel - O: Fixed Panel.
13. Use 100% pure silicone caulk compliant with AAMA 800 Section 1 - Sealant Specifications for use with Architectural Fenestration Products. For more details visit Simonton.com.
14. Use a backer rod on all joints >3/4" deep and/or wider than 1/4". Finished caulk joint should be a minimum of 3/8" deep.

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FINISH FINISH: EXTERIOR AS SUPPLIED INTERIOR FINISH: UNLESS OTHERWISE SPECIFIED		SCALE: FIT SHEET: 1 of 1 DATE: 07-09 / 07-10 / 07-20 DOUBLE HUNG
WEIGHT:		Decimals: Angles .X = .03 .XX = .01 .XXX = .005
SURFACE AREA:		VOLUME:
FINISH TREATMENT:		PERIMETER:
FILE: F. 5176.13		TITLE: 2X BUCK INSTALLATION (AS TESTED)



Product Approval
USER: Public User

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



FL #
Application Type
Code Version
Application Status

FL5167-R41
Revision
2020
Approved

FL5167.16-R41
TDH 6500

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

Comments

Archived



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Authorized Signature

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Technical Representative
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Quality Assurance Representative
Address/Phone/Email

AAMA
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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

Fenestration and Glazing Industry Alliance (formerly AAMA)
Fenestration and Glazing Industry Alliance (formerly AAMA)

Referenced Standard and Year (of Standard)

Standard	Year
AAMA 450	2010
AAMA/WDMA/CSA 101/I.S.2 A440	2011
AAMA/WDMA/CSA 101/I.S.2 A440	2008

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

		FL5167_R41_AE_EvalReport-IN0132-R12.pdf Created by Independent Third Party: Yes
5167.16	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Double Hung H-Mulled Triple
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 109x74 (+/-50 PSF)		Certification Agency Certificate FL5167_R41_C_CAC_07-09-10-20 and 08-09-10-20 Waiver.pdf FL5167_R41_C_CAC_07-75 waiver to 07-09.pdf FL5167_R41_C_CAC_75-75 DH Triple 109x74 R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167_R41_II_IN0060 75-75 DH Triple or Twin 2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
5167.17	75-75, 75-09, 07-75, 07-09, 07-10 and 07-20	Reflections 5500, Generations, Impressions 9800, 6500, PerfeXion Platinum, 6000, 6000EX Vinyl Double Hung H-Mulled Twin with Transom
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: 73x111 *Glazing complies with ASTM E 1300-04.		Certification Agency Certificate FL5167_R41_C_CAC_07-75 waiver to 07-09.pdf FL5167_R41_C_CAC_75-75 DH Twin w-Transom 73x111 R-PG50.pdf Quality Assurance Contract Expiration Date 09/13/2026 Installation Instructions FL5167_R41_II_IN0062 75-75 DH Twin w Transom 1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL5167_R41_AE_EvalReport-IN0062-R8.pdf Created by Independent Third Party: Yes

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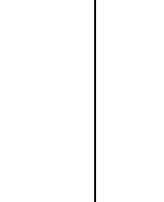
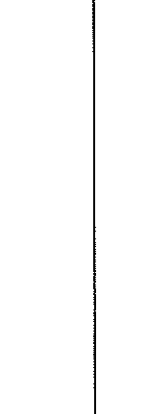
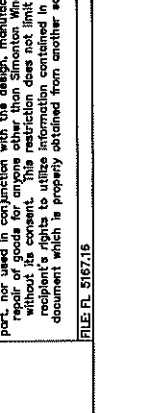
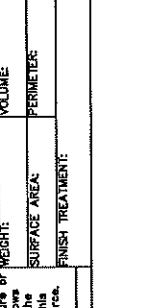
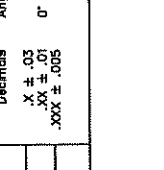
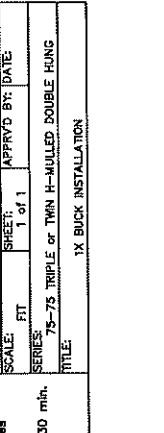
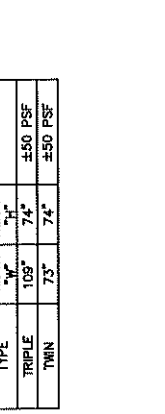
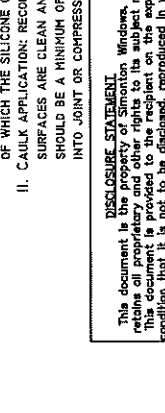
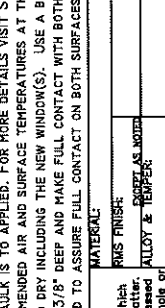
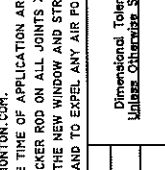
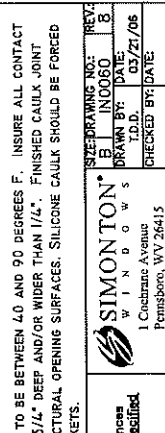
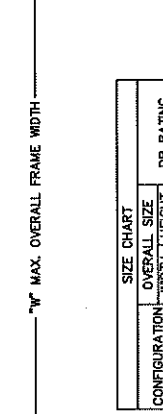
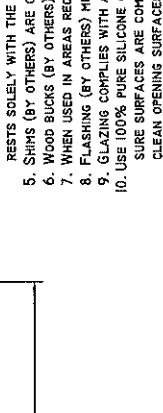
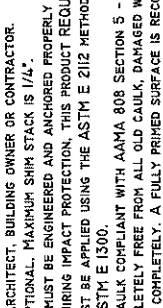
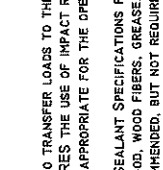
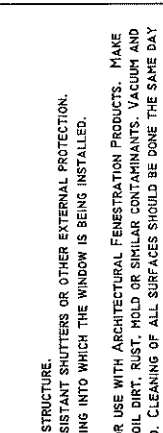
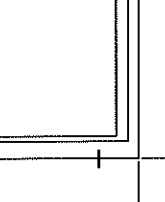
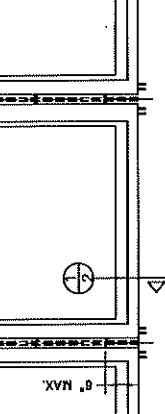
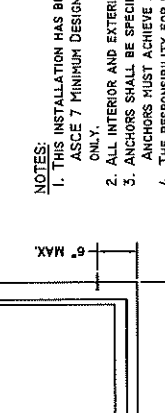
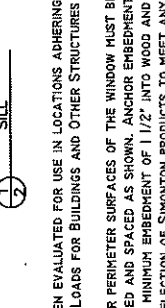
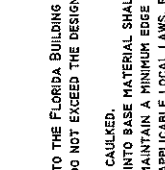
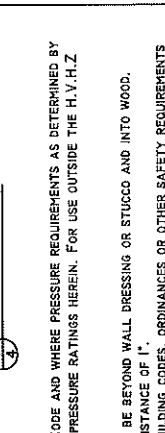
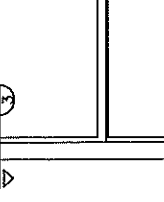
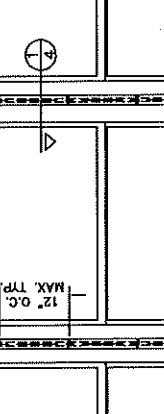
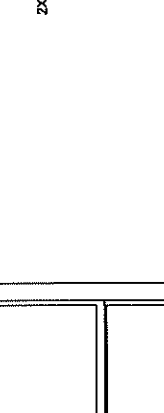
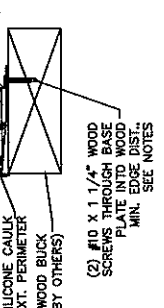
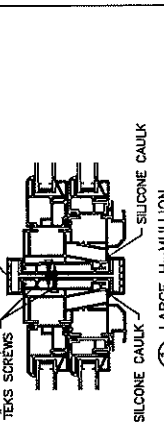
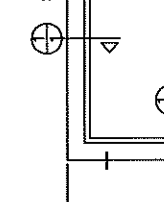
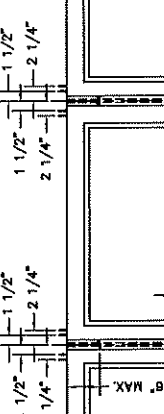
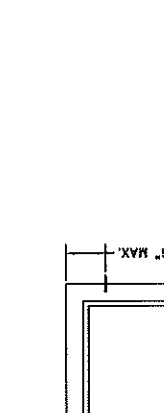
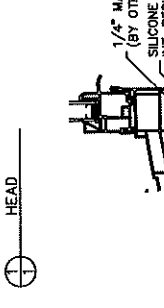
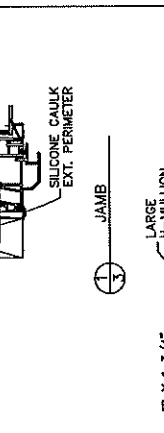
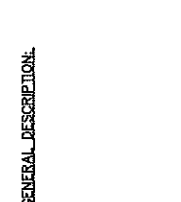
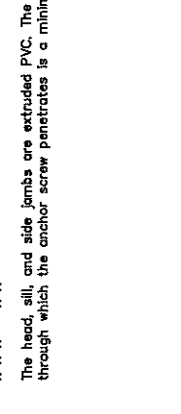
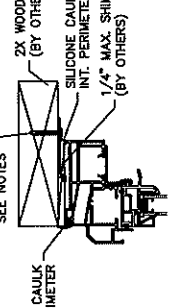
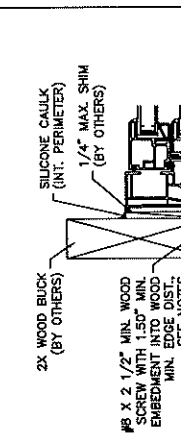
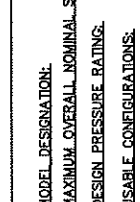
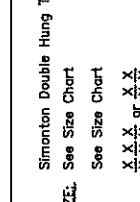
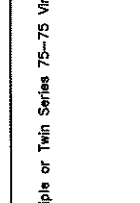
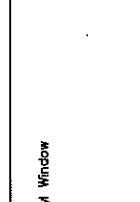
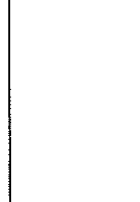
Product Approval Accepts:



REV.	REVISIONS	REVISED BY	DATE
4	UPDATED SIZES PER NEW TESTING	T.O.D.	06/03/13
5	UPDATED SIZES PER NEW TESTING	T.O.D.	06/26/13
6	ADDED MIN. EDGE DIST., SEE NOTES	LMH	06/16/16
7	ADDED NOTES TO # 11 - AAMA 800 AND PAGE 2	LMH	06/16/16
8	UPDATED NOTES # & 11.	LMH	11/03/17

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

MODEL DESIGNATION:
 SIMONTON Double Hung Triple or Twin Series 75-75 Vinyl Window
 MAXIMUM OVERALL NOMINAL SIZE. See Size Chart
 DESIGN PRESSURE RATING. See Size Chart
 USABLE CONFIGURATIONS:
 $\frac{X}{X} \times \frac{X}{X}$ or $\frac{X}{X} \times \frac{X}{X}$
 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".



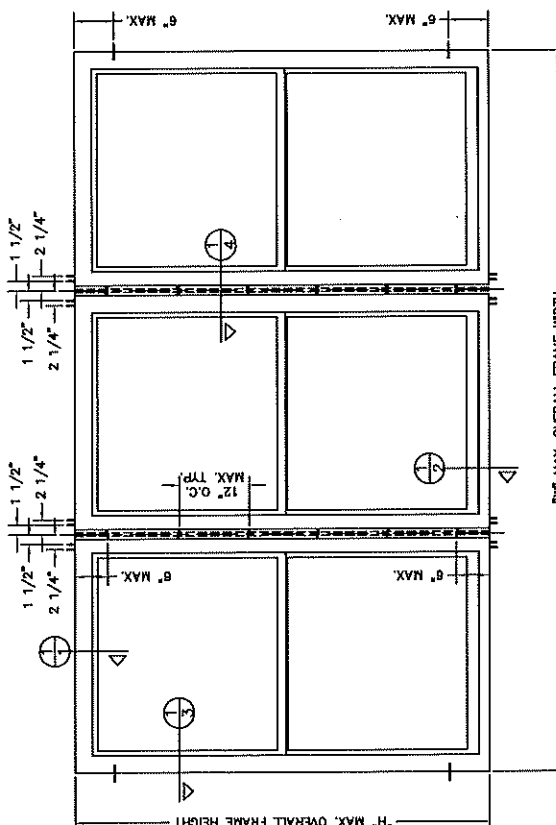
NOTES:

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 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES DO NOT EXCEED THE DESIGN PRESSURE RATINGS HEREIN. FOR USE OUTSIDE THE H.V.H.Z. ONLY.
 2. ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
 3. ANCHORS SHALL BE SPECIFIED AND SPACED AS SHOWN. ANCHOR EMBEDMENT INTO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO AND INTO WOOD. ANCHORS MUST ACHIEVE A MINIMUM EMBEDMENT OF 1 1/2" INTO WOOD AND MAINTAIN A MINIMUM EDGE DISTANCE OF 1".
 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 (BY OTHERS) ARE OPTIONAL. MAXIMUM SHIM STACK 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 IMPACT RESISTANT SHUTTERS OR OTHER EXTERNAL PROTECTION.
 8. FLASHING (BY OTHERS) MUST BE APPLIED USING THE ASTM E 2112 METHOD APPROPRIATE FOR THE OPENING INTO WHICH THE WINDOW IS BEING INSTALLED.
 9. GLAZING COMPLIES WITH ASTM E 1300.
 10. USE 100% PURE SILICONE CAULK COMPLIANT WITH AAMA 808 SECTION 5 - SEALANT SPECIFICATIONS FOR USE WITH ARCHITECTURAL FENESTRATION PRODUCTS. MAKE SURE SURFACES ARE COMPLETELY FREE FROM ALL OLD CAULK, DAMAGED WOOD, WOOD FIBERS, GREASE, OIL, DIRT, RUST, MOLD OR SIMILAR CONTAMINANTS. VACUUM AND CLEAN OPENING SURFACES COMPLETELY. A FULLY PRIMED SURFACE IS RECOMMENDED, BUT NOT REQUIRED. CLEANING OF ALL SURFACES SHOULD BE DONE THE SAME DAY OF WHICH THE SILICONE CAULK IS TO BE APPLIED. FOR MORE DETAILS VISIT SIMONTON.COM.
- II. CAULK APPLICATION: RECOMMENDED AIR AND SURFACE TEMPERATURES AT THE TIME OF APPLICATION ARE TO BE BETWEEN 40 AND 90 DEGREES F. INSURE ALL CONTACT SURFACES ARE CLEAN AND DRY INCLUDING THE NEW WINDOW(S). USE A BACKER ROD ON ALL JOINTS >3/4" DEEP AND/OR WIDER THAN 1/4". FINISHED CAULK JOINT SHOULD BE A MINIMUM OF 3/8" DEEP AND MAKE FULL CONTACT WITH BOTH THE NEW WINDOW AND STRUCTURAL OPENING SURFACES. SILICONE CAULK SHOULD BE FORCED INTO JOINT OR COMPRESSED TO ASSURE FULL CONTACT ON BOTH SURFACES AND TO EXPEL ANY AIR POCKETS.

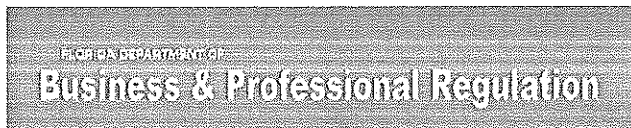
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MATERIALS:		FINISH TREATMENT:	
PAINT FINISH:	PROTECT AS NOTED	Dimensional Tolerances:	Volume:
ALLOY & TEMPER:	ALLOY & TEMPER:	Volume:	Perimeter:
WEIGHT:	WEIGHT:	Decimals:	Angles:
SURFACE AREA:	SURFACE AREA:	Decimals:	Angles:
		.X ± .03	0° 30 min.
		.XX ± .01	
		.XXX ± .005	

SIMONTON® W I N D O W S		DRAWN BY: DATE:	
1 Crabtree Avenue Pensacola, FL 32503		CHECKED BY: DATE:	
SCALE: 1/4" = 1'-0"		APPROVED BY: DATE:	
SERIES: 75-75 TRIPLE OR TWIN H-MULLED DOUBLE HUNG		TITLE: 1X BUCK INSTALLATION	

SIZE CHART		DP RATING	
CONFIGURATION	OVERALL SIZE	W	H
TYPE	W	H	
TRIPLE	103"	74"	±50 PSF
TWIN	73"	74"	±50 PSF



FILE FL 516716



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Product Approval

USER: Public User

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



FL #

FL7612-R25

7612.4 - 6100 PD

Application Type

Revision

Code Version

2020

Application Status

Approved

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

Comments

Archived



Product Manufacturer

Simonton

Address/Phone/Email

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Suite 300
Cary, NC 27513
(614) 307-3278
luanne.harris@cornerstone-bb.com

Authorized Signature

Luanne Harris
luanne.harris@cornerstone-bb.com

Technical Representative

Luanne Harris

Address/Phone/Email

3948 Townsfair Way
Suite 200
Columbus, OH 43219
(614) 532-3596
luanne.harris@simonton.com

Quality Assurance Representative

AAMA

Address/Phone/Email

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

Category

Exterior Doors

Subcategory

Sliding Exterior Door Assemblies

Compliance Method

Certification Mark or Listing

Certification Agency

Fenestration and Glazing Industry Alliance (formerly AAMA)

Validated By

Fenestration and Glazing Industry Alliance (formerly AAMA)

Referenced Standard and Year (of Standard)

Standard

Year

AAMA 450

2010

AAMA/WDMA/CSA 101/I.S.2/A440

2011

Equivalence of Product Standards

Certified By

Florida Licensed Professional Engineer or Architect
[FL7612_R25_Equiv_EvalReport-IN0444-R7.pdf](#)

Product Approval Method

Method 1 Option A

Date Submitted

10/11/2022

Date Validated

11/01/2022

Date Pending FBC Approval

Date Approved

11/03/2022

Summary of Products

FL #	Model, Number or Name	Description
7612.1	06-05	ProFinish Contractor, PerfeXion Contractor, Contemporary 2-Lite Sliding Patio Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 77x84 (+/-30 PSF), 71x80 (+/-35 PSF), 71x96 (+/-35 PSF), 95x80 (+/-35 PSF), 71x80 (+/-50 PSF)		Certification Agency Certificate FL7612_R25_C_CAC_06-05_2P_SGD_Fin_95x80_R-PG35.pdf FL7612_R25_C_CAC_06-05_SGD_Fin_11891_71.25x95.5_R-PG35.pdf FL7612_R25_C_CAC_06-05_SGD_Fin_11892_71.25x79.5_R-PG35.pdf FL7612_R25_C_CAC_06-05_SGD_Fin_11894_71.25x79.5_R-PG50.pdf FL7612_R25_C_CAC_06-05_SGD_Fin_12056_77x83_R-PG30.pdf FL7612_R25_C_CAC_06-05_SGD-Finless_10371_95x80_PG35.pdf FL7612_R25_C_CAC_06-05_SGD-Finless_10372_71x80_PG50.pdf FL7612_R25_C_CAC_06-05_SGD-Finless_10608_71x80_PG50.pdf FL7612_R25_C_CAC_06-05_SGD-Finless_10609_71x96_PG35.pdf Quality Assurance Contract Expiration Date 10/31/2026 Installation Instructions FL7612_R25_II_IN0340_06-05_2P_PD_2X.pdf FL7612_R25_II_IN0444-R8_06-05_2P_1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL7612_R25_AE_EvalReport-IN0444-R8.pdf Created by Independent Third Party: Yes
7612.2	06-05	ProFinish Contractor, PerfeXion Contractor, Contemporary Vinyl 3-Lite Sliding Patio Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 107x80 (+/-30 PSF), 107x80 (+/-45 PSF)		Certification Agency Certificate FL7612_R25_C_CAC_06-05_SGD_Fin_11893_107.25x79.5_R-PG30.pdf FL7612_R25_C_CAC_06-05_SGD_Fin_12177_107x79_R-PG45.pdf Quality Assurance Contract Expiration Date 11/20/2027 Installation Instructions FL7612_R25_II_IN0341_06-05_3P_PD_2X.pdf FL7612_R25_II_IN0445-R5_06-05_3P_1X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL7612_R25_AE_EvalReport-IN0445-R5.pdf Created by Independent Third Party: Yes
7612.3	06-05	Reflections 5300, 6100, Contemporary Vinyl 2-Lite Sliding Patio Door with Transom (Retrofit Installation)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +45/-45 Other: 71x116 Retrofit Installation		Certification Agency Certificate FL7612_R25_C_CAC_06-05_SGDwTran-Finless_10373_71x116_PG45.pdf Quality Assurance Contract Expiration Date 01/29/2027 Installation Instructions FL7612_R25_II_IN0413_06-05_2PD_w_Transom_2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party:

		Evaluation Reports Created by Independent Third Party:
7612.4	06-05	Reflections 5300, 6100, Contemporary Vinyl 2-Lite Sliding Patio Door (Retrofit Installation)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 95x80 (+/-35 PSF), 71x96 (+/-35 PSF), 71x80 (+/-35 PSF), 71x80 (+/-50 PSF) Retrofit Installation		Certification Agency Certificate FL7612_R25_C_CAC_06-05_SGD-Finless(10371)_95x80_PG35.pdf FL7612_R25_C_CAC_06-05_SGD-Finless(10372)_71x80_PG50.pdf FL7612_R25_C_CAC_06-05_SGD-Finless(10608)_71x80_PG50.pdf FL7612_R25_C_CAC_06-05_SGD-Finless(10609)_71x96_PG35.pdf Quality Assurance Contract Expiration Date 01/29/2027 Installation Instructions FL7612_R25_II_IN0412_06-05_2P_PD_2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
7612.5	15-15	Inovo, 6500, Premium 2-Lite Sliding Patio Door (Retrofit Installation)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: 71x81 (+/-35), 71x81 (+/-50 PSF), 95x95 (+/-35) Retrofit Installation		Certification Agency Certificate FL7612_R25_C_CAC_15-15_SGD-2P_SGD_71X81_R-PG35.pdf FL7612_R25_C_CAC_15-15_SGD-2P_SGD_71X81_R-PG50.pdf FL7612_R25_C_CAC_15-15_2P-SGD_95X95_R-PG35.pdf Quality Assurance Contract Expiration Date 09/14/2025 Installation Instructions FL7612_R25_II_IN0573-R3_15-15_2P_PD.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL7612_R25_AE_EvalReport-IN0573-R3.pdf Created by Independent Third Party: Yes
7612.6	15-15	Inovo, 6500, Premium 3-Lite Sliding Patio Door (Retrofit Installation)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other: 107x79		Certification Agency Certificate FL7612_R25_C_CAC_15-15_SGD-3P_SGD_107X79_R-PG35.pdf Quality Assurance Contract Expiration Date 09/14/2025 Installation Instructions FL7612_R25_II_IN0581-R2_15-15_3P_PD.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL7612_R25_AE_EvalReport-IN0581-R2.pdf Created by Independent Third Party: Yes
7612.7	15-15	Inovo, 6500, Premium 4-Lite Sliding Patio Door (Retrofit Installation)
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +25/-25 Other: 143x79		Certification Agency Certificate FL7612_R25_C_CAC_15-15_4P-SGD_143x79_R-PG25.pdf Quality Assurance Contract Expiration Date 07/16/2025 Installation Instructions FL7612_R25_II_IN0583-R2_15-15_4P_PD.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports FL7612_R25_AE_EvalReport-IN0583-R2.pdf Created by Independent Third Party: Yes
7612.8	15-16	Inovo, 6500, Premium 2-Lite Sliding Patio Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A		Certification Agency Certificate FL7612_R25_C_CAC_15-16_2P_SGD_71X81_R-PG35.pdf FL7612_R25_C_CAC_15-16_2P_SGD_71X81_R-PG50.pdf FL7612_R25_C_CAC_15-16_2P_SGD_95x95_R-PG35.pdf FL7612_R25_C_CAC_15-16_SGD-2P_95x79_R-PG35.pdf

Other: 71x81 (+/-35 PSF), 71x81 (+/-50 PSF), 95x79 (+/-35), 95x95 (+/-35)		Quality Assurance Contract Expiration Date 06/04/2025 Installation Instructions FL7612 R25 II IN0571 15-16 2P 2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:
7612.9	15-16	Inovo, 6500, Premium 3-Lite Sliding Patio Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other: 107x79		Certification Agency Certificate FL7612 R25 C CAC 15-16 2P SGD 107X79 R-PG35.pdf Quality Assurance Contract Expiration Date 06/03/2025 Installation Instructions FL7612 R25 II IN0576 15-16 3P PD 2X.pdf Verified By: Fenestration and Glazing Industry Alliance (formerly AAMA) Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:

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Product Approval Accepts:



MODEL DESIGNATION:

Simonton Series 06-05 2-Panel Vinyl Patio Door

MAXIMUM OVERALL NOMINAL SIZE:

See Size Chart

DESIGN PRESSURE RATINGS:

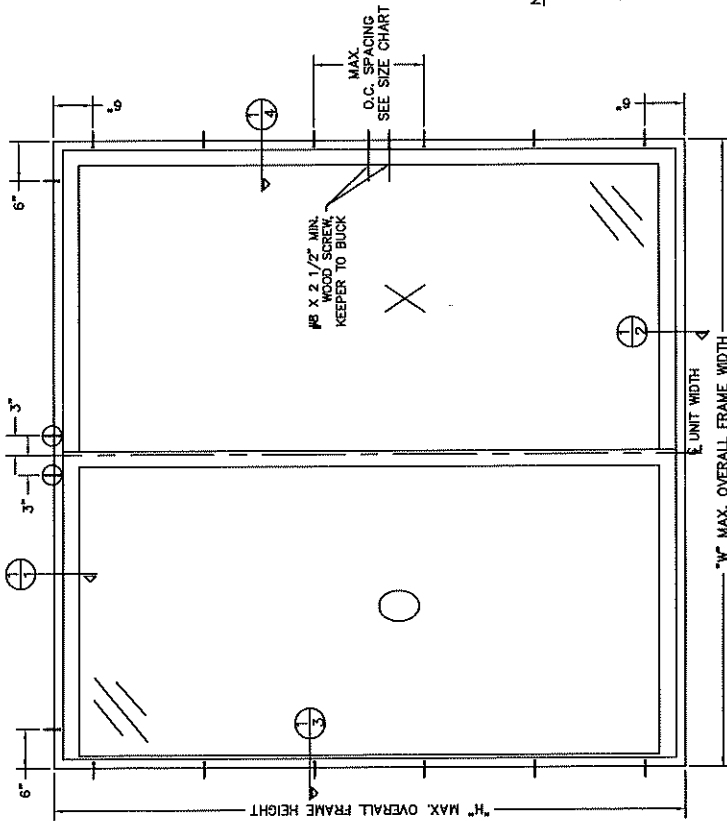
See Size Chart

USABLE CONFIGURATIONS:

XO, OX

GENERAL DESCRIPTION:

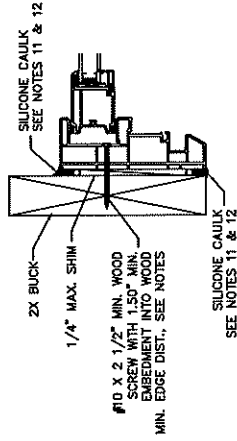
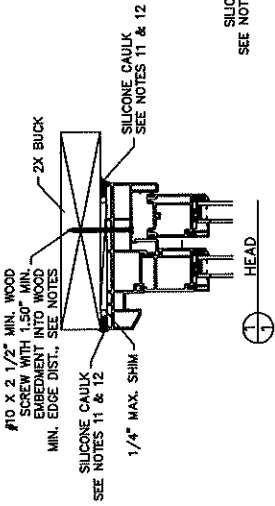
The head, sill, and side jambs are extruded PVC. The wall thickness through which the anchor screw penetrates is a minimum of 0.070".



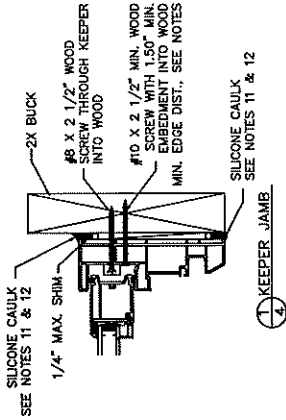
OVERALL SIZE	O.C. SPACING	DP RATING
71" - 80"	17"	±35 PSF
81" - 89"	23"	±50 PSF
90" - 98"	23"	±50 PSF

① CIRCLED ANCHORS REQUIRED ONLY FOR 85x80 AND 71x80-DP35.

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



① FIXED PANEL JAMB
SEE NOTES 11 & 12



② KEEPER JAMB
SEE NOTES 11 & 12

REV.	REVISIONS:	REVISED BY:	DATE:
1	UPDATED NOTES, GENERAL DESCRIPTION, AND ANCHOR LOCATIONS PER NEW TESTING.	T.D.D.	04/06/11
2	ADDED SIZES PER NEW TESTING.	T.D.D.	05/04/11
3	ADDED GLAZING DETAILS.	T.D.D.	06/20/11
4	ADDED GLAZING NOTE AND UPDATED SIZE CHART PER NEW TESTING.	T.D.D.	03/11/13
5	ADDED MIN. EDGE DIST. NOTE.	B.J.S.	06/17/15
6	UPDATED SIZE CHART & ANCHOR SPACING.	LMH	11/23/15

NOTES:

- 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.
- All exterior perimeter surfaces of the door must be caulked. Interior caulking is optional unless noted otherwise.
- Anchor bolts shall be 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. Maximum 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 door is being installed.
- Installation anchors should be at least 3/4" from the edge of the wood.
- Glazing shall comply with ASTM E 1300 and safety glazing requirements per Florida Building Code section 2406.
- Use 100% pure silicone caulk. Make sure surfaces are completely free from all old caulk, damaged wood, wood fibers, grease, oil dirt, rust, mold or similar contaminants. Vacuum opening surfaces completely. A fully primed surface is recommended, but not required. Clearing of all surfaces should be done the same day of which the silicone caulk is to be applied. For more details see "New Construction Installation Instructions" on Simonton.com.
- Caulk application: recommended air and surface temperatures at the time of application are to be between 40 and 90 degrees F. Insure all contact surfaces are clean and dry including the new window(s). Use a backer rod on all joints >3/4" deep and/or wider than 1/4". Finished caulk joint should be a minimum of 3/8" deep and make full contact with both the new window and structural opening surfaces. Silicone caulk should be forced into joint or compressed to assure full contact on both surfaces and to expel any air pockets.

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FILE: IN0412

MATERIALS:	FINISH TREATMENT:
AMS FINISH: POUR A MOISTURE ALLOY & TEMPER: 6061-T6 WEIGHT: 1.1 lb/ft SURFACE AREA: 0' 30 min.	PERIMETER: 0' 30 min. FINISH TREATMENT: 0' 30 min.

Dimensional Tolerances Unless Otherwise Specified	Angles
Decimals	.X ± .03
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XXX ± .005	.XXX ± .005

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XXX ± .005	.XXX ± .005

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XXX ± .005	.XXX ± .005

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XXX ± .005	.XXX ± .005

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XXX ± .005	.XXX ± .005

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XXX ± .005	.XXX ± .005

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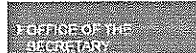
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Dimensional Tolerances Unless Otherwise Specified	Angles
Decimals	Angles
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.XX ± .01	
.XXX ± .005	



Product Approval
USER: Public User

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



FL #

FL14787-R4

Application Type

Affirmation

Code Version

2020

Application Status

Approved

Comments

Archived



Product Manufacturer

Simonton/Ply Gem Windows

Address/Phone/Email

5020 Weston Parkway
Suite 300
Cary, NC 27513
(800) 542-9118 Ext 413596
luanne.harris@cornerstone-bb.com

Authorized Signature

Luanne Harris
luanne.harris@cornerstone-bb.com

Technical Representative

Luanne Harris

Address/Phone/Email

3948 Townsfair Way
Suite 200
Columbus, OH 43219
(614) 532-3596
luanne.harris@simonton.com

Quality Assurance Representative

AAMA

Address/Phone/Email

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

Category

Windows

Subcategory

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

Lucas A. Turner

Florida License

PE-58201

Quality Assurance Entity

Architectural Testing, Inc., an Intertek Company

Quality Assurance Contract Expiration Date

12/31/2023

Validated By

Scott Wolters, PE

☐ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL14787 R4 COI EvalReport-RM0015Br7.pdf](#)

Referenced Standard and Year (of Standard)

Equivalence of Product Standards

Certified By

Sections from the Code

1709.8

☒ I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity ☐ Yes ☐ No ☒ N/A

[FL14787_R4_COC_7thEdFBC-FL14787.pdf](#)

Product Approval Method

Method 2 Option B

Date Submitted

10/01/2020

Date Validated

10/01/2020

Date Pending FBC Approval

Date Approved

10/08/2020

Summary of Products

FL #	Model, Number or Name	Description
14787.1	Reinforced Stand Alone Mullions Non-Impact	Extruded Vinyl Mullions with Aluminum Reinforcement
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Design pressure ratings vary by unit and mullion size. See installation drawings for applicable design pressure rating.		Installation Instructions FL14787_R4_II_RM0015Br7.pdf Verified By: Lucas A. Turner PE #58201 Created by Independent Third Party: Yes Evaluation Reports FL14787_R4_AE_EvalReport-RM0015Br7.pdf Created by Independent Third Party: Yes

[Back](#)

[Next](#)

Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:

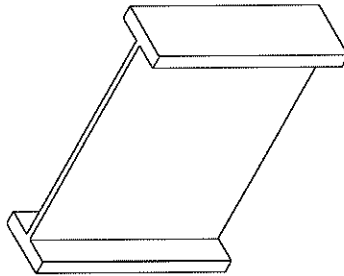


Credit Card
Safe

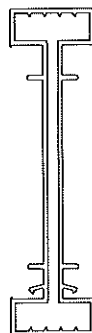
securityMETRICS

SIMONTON
V.I.N.Y.L.
1 COCHRANE AVE. PONDICHERY, WV 26413
PH. 800-426-2540

**EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES**



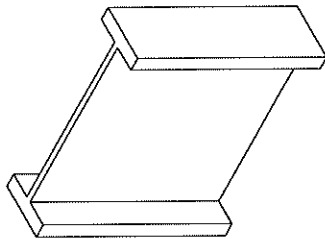
LARGE MULLION
REINFORCEMENT CM0146
ALUMINUM 6063--T6



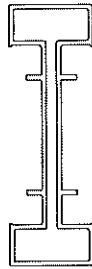
5000 FIN & J FRAME VINYL
H-MULLION COVER #VPI-573
EXTRUDED VINYL 0.071" MIN.

PRODUCT DESCRIPTION:

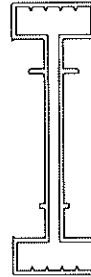
1. ALL MULLION REINFORCEMENTS ARE EXTRUDED ALUMINUM 6063-16.
2. ALL MULLION COVERS ARE EXTRUDED VINYL. SEE ABOVE FOR INDIVIDUAL MULLION THICKNESS.



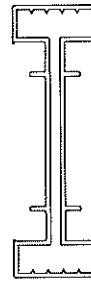
LARGE MULLION
REINFORCEMENT #16991
ALUMINUM 6063-T6



PROFINISH LARGE VINYL
H-MULLION COVER #VPI-560
EXTRUDED VINYL 0.079" MIN.



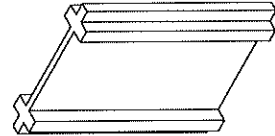
RETROFIT LARGE VINYL
H-MULLION COVER #VPI-354
EXTRUDED VINYL 0.071" MIN.



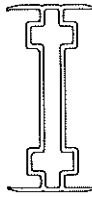
4000 SERIES LARGE VINYL
H-MULLION COVER #VPI-354A
EXTRUDED VINYL 0.071" MIN.

MULLIONS MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE.

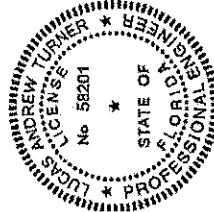
REVISIONS				
REV.	DESCRIPTION	DATE	BY	
3	Revised per 2007 Florida Building Code, adopted Sheet 1.	04/15/2011	JRM	
4	Revised per 2010 Florida Building Code, updated general notes sh1.	01/20/2012	CAP	
5	Updated DP ratings chart and added new mullion covers.	06/20/2012	T.D.D.	
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT	
7	Updated Note 1, Sheet 1	10/03/2017	LMH	



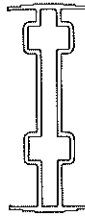
MEDIUM MULLION
REINFORCEMENT #16990
ALUMINUM 6063-T6



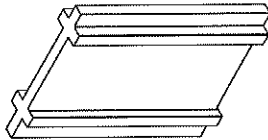
PROFINISH MEDIUM VINYL
H-MULLION COVER #VPI-346A
EXTRUDED VINYL 0.071" MIN.



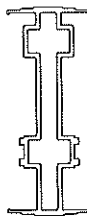
Lucas
Turner
2017-10-18
11:15+20:00



4000 SERIES MEDIUM VINYL
H-MULLION COVER #MPO347
EXTRUDED VINYL 0.070" MIN.



MEDIUM MULLION
REINFORCEMENT #20634
ALUMINUM 6063-T6



RETROFIT MEDIUM VINYL
H-MULLION COVER #VPI-436
EXTRUDED VINYL 0.070" MIN.

GENERAL NOTES:

1. THE FOUR (4) MULLION PRODUCTS MEET THE CURRENT FLORIDA BUILDING CODE SECTION 1709.8, INCLUDING L/175 DEFLECTION LIMIT, LOAD TRANSFER, AND FIBERSTRESS ANALYSES IN THE DESIGN PRESSURES SHOWN IN THE TABLES IN THIS DRAWING. THE ANALYSES DID NOT ADDRESS AIR OR WATER INFILTRATION. OVERALL WINDOW ASSEMBLY ALLOWABLE DESIGN PRESSURES SHALL BE THE LOWER OF THE MULLION PER THIS APPROVAL OR THE SIMONTON WINDOWS PER SEPARATE PRODUCT APPROVAL.
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN HEREIN.
- | | | | | | | |
|---|---|-----------|-----------|-------|-----|-----|
|  | SIMONTON | DATE | REV | BY | CHK | |
| | | 12/1/2018 | 00155 | 17 | | |
| ZZ |  | SIMONTON | DATE | REV | BY | CHK |
| | | | 12/1/2018 | 00155 | 17 | |

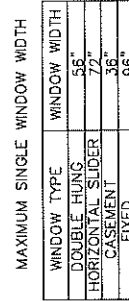
TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	INDIVIDUAL MULLION APPLICATIONS
2	DESIGN PRESSURES FOR REINFORCEMENT CM0146
3	DESIGN PRESSURES FOR REINFORCEMENT 16991
4	DESIGN PRESSURES FOR REINFORCEMENT 16990
5	DESIGN PRESSURES FOR REINFORCEMENT 20634
6	MULLION ATTACHMENT AND ANCHORING
7	MULLION CROSS SECTIONS—WOOD FRAME SUBSTRATE
8	MULLION CROSS SECTIONS—MASONRY/CONCRETE SUBSTRATE

	SIMONTON		OCT 20 1955 7
	DEATH R W 3-20-08	BIRTH T D 12/7/08	AGE 7 07/70/12
HEAD 0.75:1 MENT 48 SEX MALE ALL MIXED PRODUCTS			19/2/2017 JACO & JIMMIE L. CRANE, JR. 1000 N. 10TH ST. PH. 941-380-1274 FRY CO., PORTER

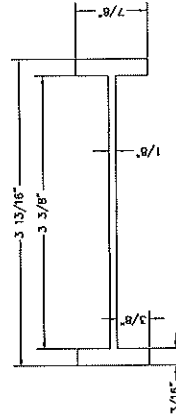
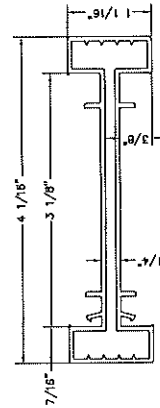
REVISIONS				
REV.	DESCRIPTION	DATE	BY	
3	Revised per 2007 Florida Building Code, Adopted, Sheet 8	04/15/2011	JRM	
4	Revised per 2010 Florida Building Code, updated general notes sh.1	01/20/2012	CAP	
5	Updated DP ratings chart and added new millian covers.	06/20/2012	T.D.D.	
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT	
7	Updated Note 1, Sheet 1	10/03/2017	LMH	

Diagram of a 76 inch wide unit. The unit is divided into three zones: Zone 1 (left), Zone 2 (middle, shaded with diagonal lines), and Zone 3 (right). The unit is labeled "76" MAX. UNIT HEIGHT" and "76" MAX. UNIT WIDTH". The diagram also includes labels for "144" MAX. UNIT WIDTH" and "SEE CHART FOR SINGLE UNIT MAX. WIDTH".

		Individual Unit Width													
	Million Length	24	28	32	36	40	44	48	52	56	60	64	68	72	
40		71	75	78	81	84	87	90	93	96	99	102	105	108	
41		73	77	80	83	86	89	92	95	98	101	104	107	110	
42		75	79	82	85	88	91	94	97	100	103	106	109	112	
43		77	81	84	87	90	93	96	99	102	105	108	111	114	
44		79	83	86	89	92	95	98	101	104	107	110	113	116	
45		81	85	88	91	94	97	100	103	106	109	112	115	118	
46		83	87	90	93	96	99	102	105	108	111	114	117	120	
47		85	89	92	95	98	101	104	107	110	113	116	119	122	
48		87	91	94	97	100	103	106	109	112	115	118	121	124	
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51		93	97	100	103	106	109	112	115	118	121	124	127	130	
52		95	99	102	105	108	111	114	117	120	123	126	129	132	
53		97	101	104	107	110	113	116	119	122	125	128	131	134	
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64		119	123	126	129	132	135	138	141	144	147	150	153	156	
65		121	125	128	131	134	137	140	143	146	149	152	155	158	
66		123	127	130	133	136	139	142	145	148	151	154	157	160	
67		125	129	132	135	138	141	144	147	150	153	156	159	162	
68		127	131	134	137	140	143	146	149	152	155	158	161	164	
69		129	133	136	139	142	145	148	151	154	157	160	163	166	
70		131	135	138	141	144	147	150	153	156	159	162	165	168	
71		133	137	140	143	146	149	152	155	158	161	164	167	170	
72		135	139	142	145	148	151	154	157	160	163	166	169	172	
73		137	141	144	147	150	153	156	159	162	165	168	171	174	
74		139	143	146	149	152	155	158	161	164	167	170	173	176	
75		141	145	148	151	154	157	160	163	166	169	172	175	178	
76		143	147	150	153	156	159	162	165	168	171	174	177	180	
77		145	149	152	155	158	161	164	167	170	173	176	179	182	
78		147	151	154	157	160	163	166	169	172	175	178	181	184	
79		149	153	156	159	162	165	168	171	174	177	180	183	186	
80		151	155	158	161	164	167	170	173	176	179	182	185	188	
81		153	157	160	163	166	169	172	175	178	181	184	187	190	
82		155	159	162	165	168	171	174	177	180	183	186	189	192	
83		157	161	164	167	170	173	176	179	182	185	188	191	194	
84		159	163	166	169	172	175	178	181	184	187	190	193	196	
85		161	165	168	171	174	177	180	183	186	189	192	195	198	
86		163	167	170	173	176	179	182	185	188	191	194	197	200	
87		165	169	172	175	178	181	184	187	190	193	196	199	202	
88		167	171	174	177	180	183	186	189	192	195	198	201	204	
89		169	173	176	179	182	185	188	191	194	197	200	203	206	
90		171	175	178	181	184	187	190	193	196	199	202	205	208	
91		173	177	180	183	186	189	192	195	198	201	204	207	210	
92		175	179	182	185	188	191	194	197	200	203	206	209	212	
93		177	181	184	187	190	193	196	199	202	205	208	211	214	
94		179	183	186	189	192	195	198	201	204	207	210	213	216	
95		181	185	188	191	194	197	200	203	206	209	212	215	218	
96		183	187	190	193	196	199	202	205	208	211	214	217	220	
97		185	189	192	195	198	201	204	207	210	213	216	219	222	
98		187	191	194	197	200	203	206	209	212	215	218	221	224	
99		189	193	196	199	202	205	208	211	214	217	220	223	226	
100		191	195	198	201	204	207	210	213	216	219	222	225	228	

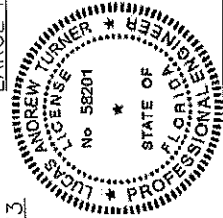


MULLION TRIBUTARY WIDTH = SUM
OF ZONE 2 WINDOW WIDTHS



ALL FIN & J FRAMES H-MULLION
LARGE VINYL MULLION COVER #VPI-573
EXTRUDED VINYL .071" MIN.

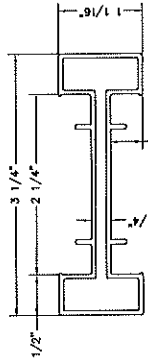
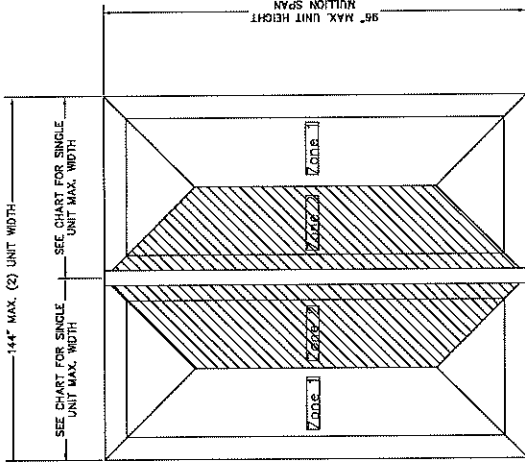
LARGE MULL REINFORCEMENT #CM0146
ALUMINUM 6063-T6

[illegible]

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

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**EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES**



**PROFINISH H--MULLION
 LARGE VINYL MULLION COVER #VPI-560
 EXTRUDED VINYL .079\"/>**

MAXIMUM SINGLE WINDOW WIDTH

WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

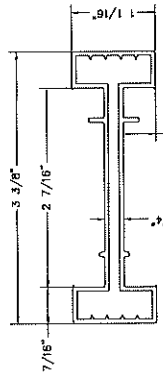
MULLION TRIBUTARY WIDTH = SUM
 OF ZONE 2 WINDOW WIDTHS

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

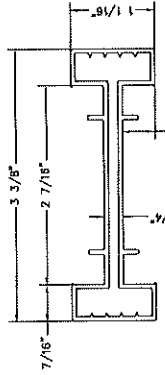
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes and added new mullion covers.	01/20/2012	CAP
5	Updated per ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH

**TABLE B - MAXIMUM DESIGN PRESSURES (PSF)
 MULLION #16991**

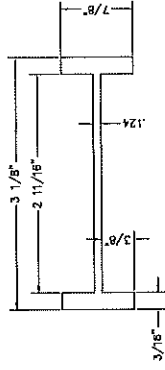
		Individual Unit Width																	
		24	28	32	36	40	44	48	52	56	60	64	68	72					
Mullion Length	40	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	72
	44	35	35	35	35	35	35	35	35	35	35	35	35	35					75
	48	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	75
	52	35	35	35	35	35	35	35	35	35	35	35	35	35					75
	56	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	75
	60	35	35	35	35	35	35	35	35	35	35	35	35	35					75
	64	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	75
	68	35	35	35	35	35	35	35	35	35	35	35	35	35					75
	72	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	75
	76	35	35	35	35	35	35	35	35	35	35	35	35	35					75
	80	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	75
	84	35	35	35	35	35	35	35	35	35	35	35	35	35					75
	88	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	75
	92	35	35	35	35	35	35	35	35	35	35	35	35	35					75
	96	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	75
		35	35	35	35	35	35	35	35	35	35	35	35	35					75



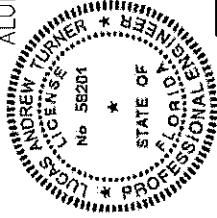
**RETROFIT H--MULLION
 LARGE VINYL MULLION COVER #VPI-354
 EXTRUDED VINYL .071\"/>**



**4000 SERIES RETROFIT H--MULLION
 LARGE VINYL MULLION COVER #VPI-354
 EXTRUDED VINYL .071\"/>**



**LARGE MULL REINFORCEMENT #16991
 ALUMINUM 6063-T6**



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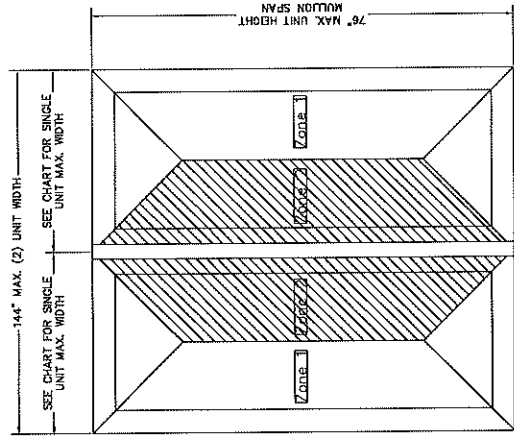
REVISIONS

REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes and added new mullion covers.	01/20/2012	CAP
5	Updated per ratings chart and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH



SIMONTON
 1 COOPERS AVE. FRANKFORD, WI 53415
 PH. 800-455-2249

EXTRUDED NON-IMPACT VINYL MULLIONS
 WITH ALUMINUM REINFORCEMENT
 ALL NON-IMPACT WINDOW SERIES

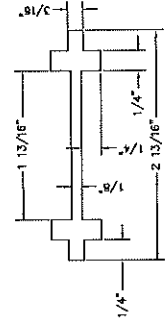
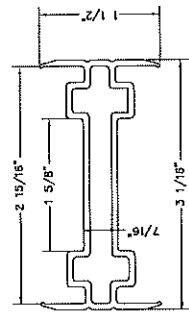


MAXIMUM SINGLE WINDOW WIDTH	
WINDOW TYPE	WINDOW WIDTH
SINGLE HUNG	52"
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	88"
FIXED	96"

MULLION TRIBUTARY WIDTH = SUM OF ZONE 2 WINDOW WIDTHS

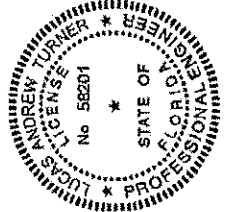
TABLE C - MAXIMUM DESIGN PRESSURES (PSF)
MULLION #16990

Mullion Length	Individual Unit Width															
	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84
40	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
48	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
52	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
56	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
60	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
64	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
68	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
72	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
76	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75



MEDIUM H-MULLION VINYL COVER #V346A
 ALL NEW CONSTRUCTION
 EXTRUDED VINYL .071" MIN.

MEDIUM MULL REINFORCEMENT #16990
 ALUMINUM 6063-T6

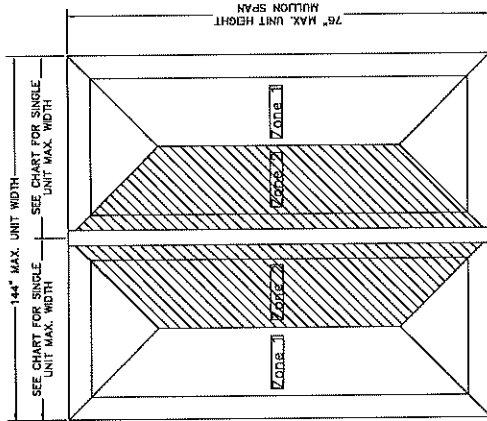


REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sht.1.	01/20/2012	CAP
5	Updated D. Ratings chart and added new mullion codes.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

SIMONTON
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TEL 800-458-2219

**EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES**

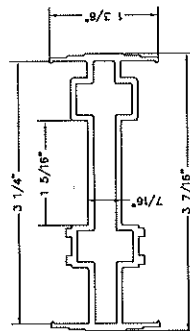


MAXIMUM SINGLE WINDOW WIDTH	
WINDOW TYPE	WINDOW WIDTH
DOUBLE HUNG	56"
HORIZONTAL SLIDER	72"
CASEMENT	36"
FIXED	96"

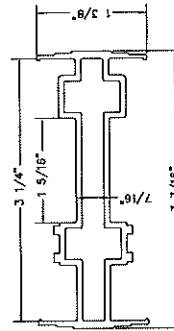
MULLION TRIBUTARY WIDTH = SUM
OF ZONE 2 WINDOW WIDTHS

TABLE D — MAXIMUM DESIGN PRESSURES (PSF)
MULLION # 20634

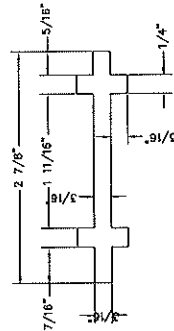
Mullion Length	Individual Unit Width															
	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84
40	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
44	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
48	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
52	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
56	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
60	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
64	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
68	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
72	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75
76	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75



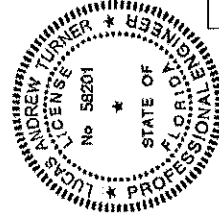
MEDIUM H-MULLION VINYL COVER #VPI-436
FOR ANY RETROFIT HOOKED FRAME
EXTRUDED VINYL .070" MIN.



MEDIUM H-MULLION VINYL COVER #VPI-436
FOR ANY RETROFIT HOOKED FRAME
EXTRUDED VINYL .070" MIN.



MEDIUM MULL REINFORCEMENT #20634
ALUMINUM 6063-T6



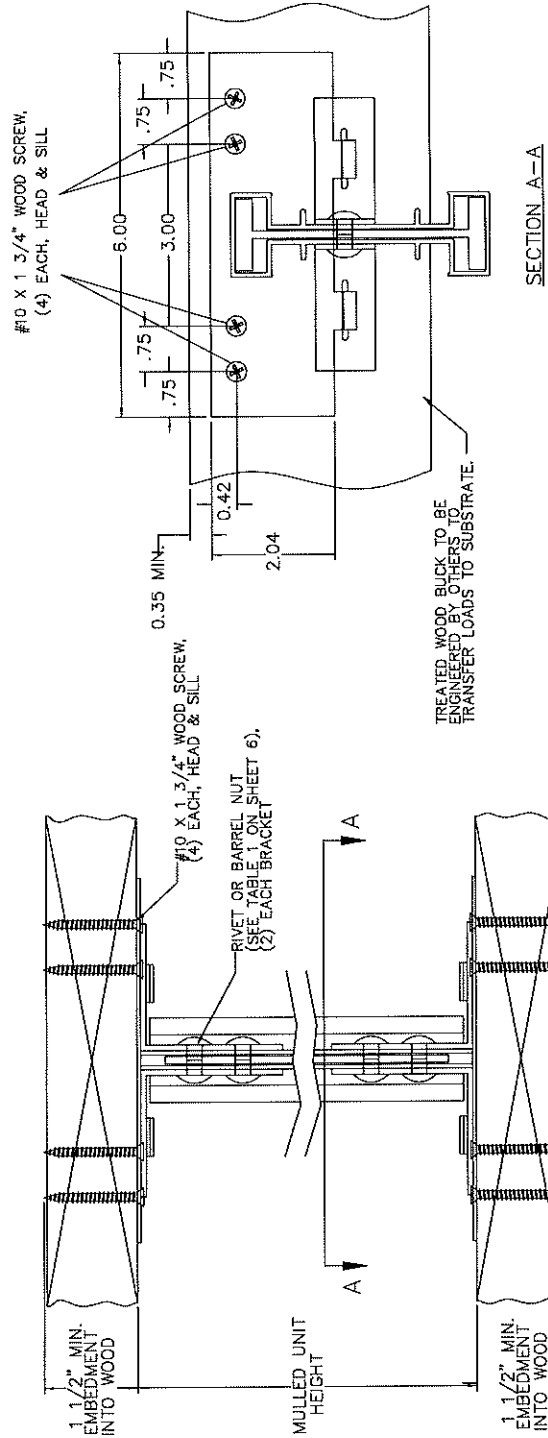
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet B.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes sheet 1.	01/20/2012	CAP
5	Updated drawings, sheet and added new mullion covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2018	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH

SEE NOTES SHEETS 6, 7, AND 8 FOR REQUIRED ANCHORAGE INFORMATION.

SIMONTON
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PH. 920-435-2249

EXTRUDED NON-IMPACT VINYL MULLIONS
WITH ALUMINUM REINFORCEMENT
ALL NON-IMPACT WINDOW SERIES

REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet B.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, Updated general notes and added new mullion covers.	01/20/2012	CAP
5	Revised per 5th Ed. (2014) FBC	06/20/2012	T.D.D.
6	Updated Note 1, Sheet 1	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH



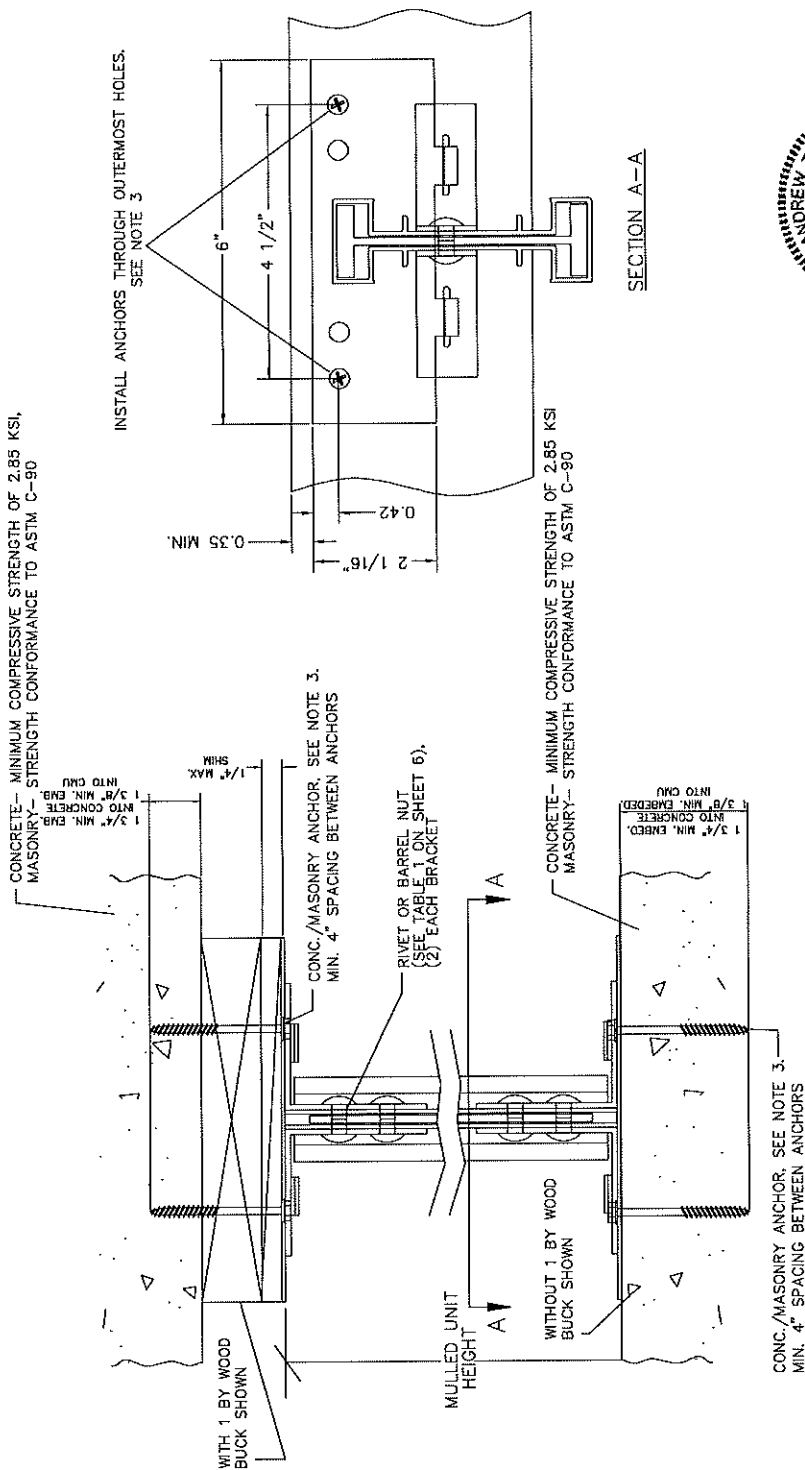
VERTICAL CROSS SECTION
WITH 2X WOOD SUBSTRATE



- NOTES:
1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HVHZ.
 2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
 3. ANCHORS SHALL HAVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD AND 7/8" MINIMUM WOOD EDGE DISTANCE.
 4. ATTACHMENT OF ALL 2X TREATED WOOD BUCKS SHALL BE ENGINEERED SEPARATELY BY OTHERS.
 5. WOOD SHALL BE TREATED 2X SPRUCE, PINE, OR FIR.
 6. #10 WOOD SCREWS SHALL BE STEEL CONFORMING TO ASTM A 553.
 7. BASE PLATES AND L-BRACKETS ARE STAINLESS STEEL CONFORMING TO ANSI 302/304.
 8. SIMILAR INSTALLATIONS ARE USED ON HEAD AND SILL.
 9. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED, USE OF AN IMPACT PROTECTIVE SYSTEM IS REQUIRED.

77		SIMONTON	
LUKE A. SIMONTON, P.E.	10/2/2017	LUKE A. SIMONTON, P.E.	10/2/2017
PROF. ENGINEER	10/2/2017	PROF. ENGINEER	10/2/2017
STATE OF FLORIDA	10/2/2017	STATE OF FLORIDA	10/2/2017
PROF. ENGINEER	10/2/2017	PROF. ENGINEER	10/2/2017

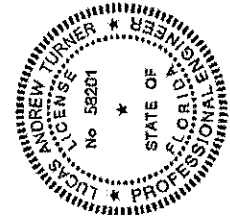
REVISIONS			
REV.	DESCRIPTION	DATE	BY
3	Revised per 2007 Florida Building Code, Added Sheet 8.	04/15/2011	JRM
4	Revised per 2010 Florida Building Code, updated general notes shft. 1.	01/20/2012	CAP
5	Updated DP ratings chart and added new mulch covers.	06/20/2012	T.D.D.
6	Revised per 5th Ed. (2014) FBC	04/25/2015	LAT
7	Updated Note 1, Sheet 1	10/03/2017	LMH



VERTICAL CROSS SECTION WITH
MASONRY/CONCRETE SUBSTRATE

NOTES:

1. THE MULLION PRODUCTS AND THEIR INSTALLATION COMPLY WITH FBC STRUCTURAL REQUIREMENTS AND ARE LIMITED TO USE OUTSIDE THE HVHZ.
2. THE MULLIONS SHALL BE USED IN CONNECTION WITH FBC APPROVED PRODUCTS.
3. ANCHORS IN GROUT-FILLED CMU BLOCK (ASTM C-90 COMPLIANT) SHALL BE 1/4" ELCO ULTRACONS WITH 1 3/8" MIN. EMBED. TO BLOCK, AND 1" MIN. EDGE DIST. ANCHORS IN SOLID CONCRETE (2.85 KSI MIN.) SHALL BE 3/16" ITW TAPCONS OR 1/4" ELCO ULTRACONS WITH 1 3/4" MIN. EMBED. TO CONCRETE, AND 1 1/8" MIN. EDGE DIST.
4. ATTACHMENT OF ALL 2X TREATED WOOD BUCKS SHALL BE ENGINEERED SEPARATELY BY OTHERS.
5. WOOD SHALL BE TREATED 2X SPRUCE, PINE, OR FIR.
6. BASE PLATES AND L-BRACKETS ARE STAINLESS STEEL CONFORMING TO ANSI 302/304.
7. SIMILAR INSTALLATIONS ARE USED ON HEAD AND SILL WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED. USE OF AN IMPACT PROTECTIVE SYSTEM IS REQUIRED.



12Z	1970/2007 LUCK & TAYLOR P.C. 1011 PLYMOUTH ROAD, CHANDLER, CO. 24000 1970 LUCK & TAYLOR P.C. 1011 PLYMOUTH ROAD, CHANDLER, CO. 24000	 SIMONOT 1970/2007 LUCK & TAYLOR P.C. 1011 PLYMOUTH ROAD, CHANDLER, CO. 24000 1970 LUCK & TAYLOR P.C. 1011 PLYMOUTH ROAD, CHANDLER, CO. 24000	1970/2007 LUCK & TAYLOR P.C. 1011 PLYMOUTH ROAD, CHANDLER, CO. 24000 1970 LUCK & TAYLOR P.C. 1011 PLYMOUTH ROAD, CHANDLER, CO. 24000
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