

MODEL DESIGNATION:

Simonton 3-Lite Slider Series 07-09 / 07-10 / 07-20 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE:

See Size Chart

DESIGN PRESSURE RATING:

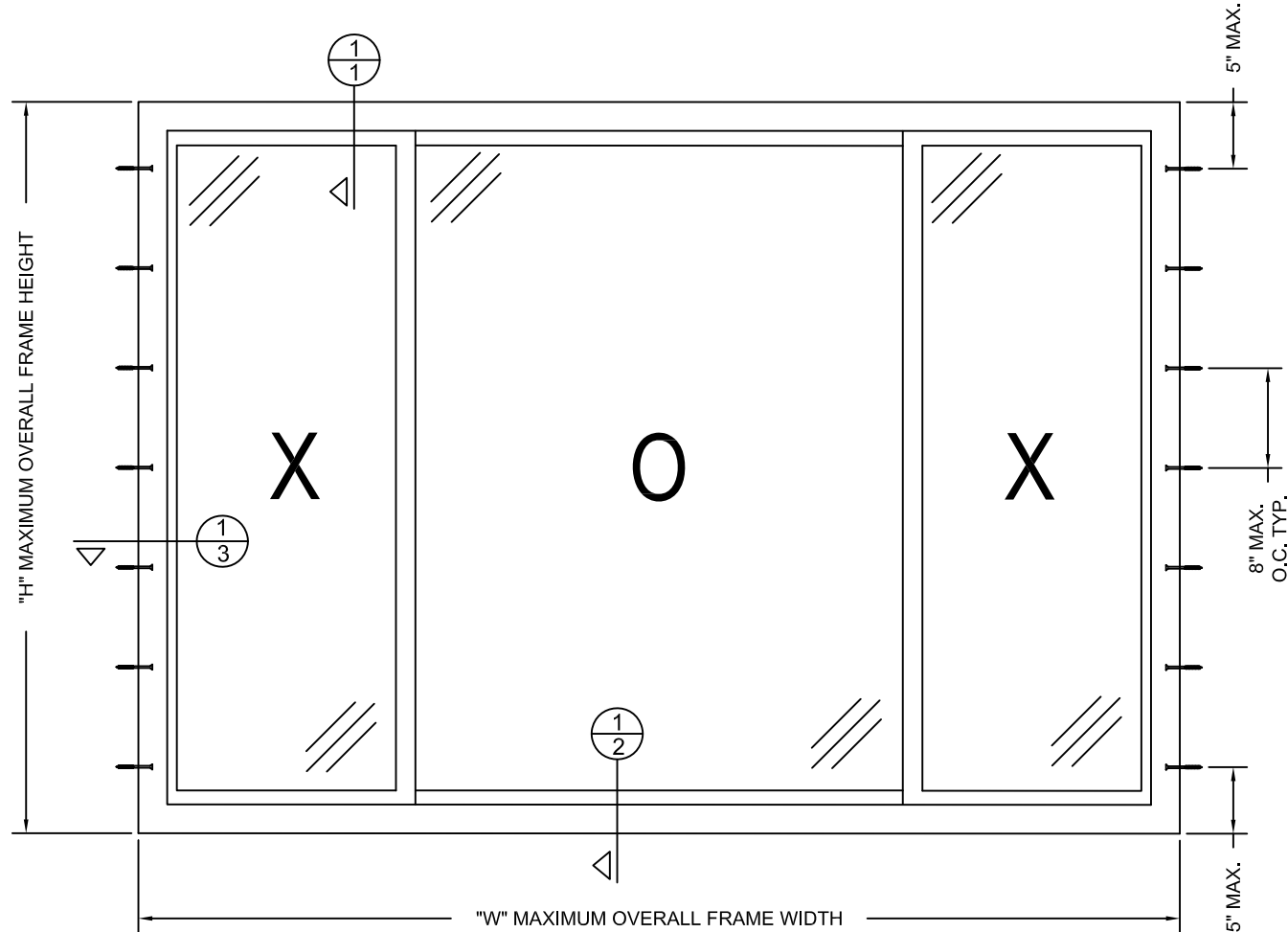
See Size Chart

USABLE CONFIGURATIONS:

XOX

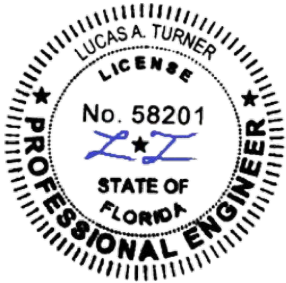
GENERAL DESCRIPTION:

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



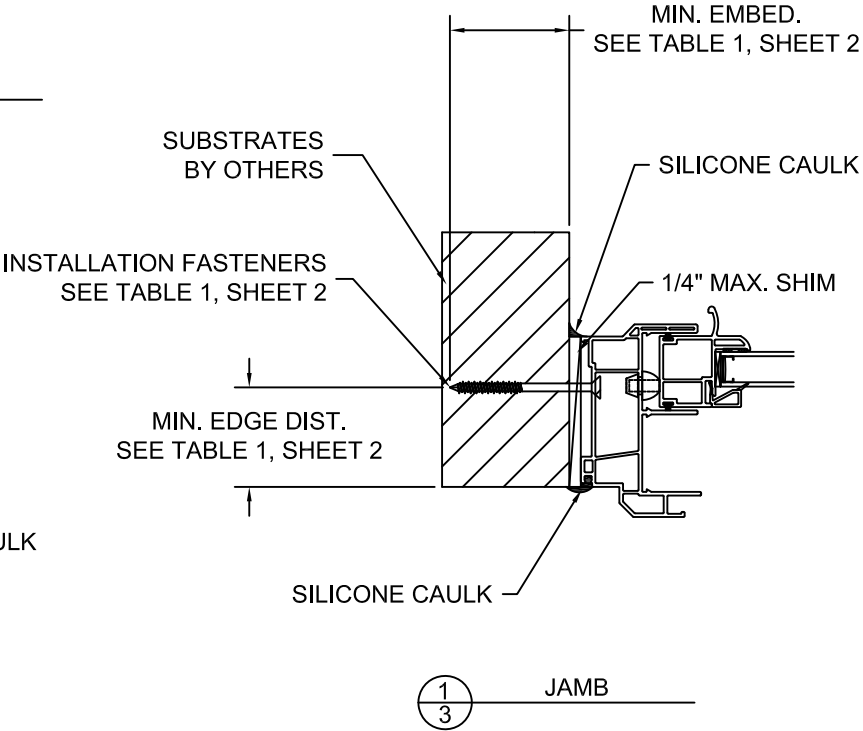
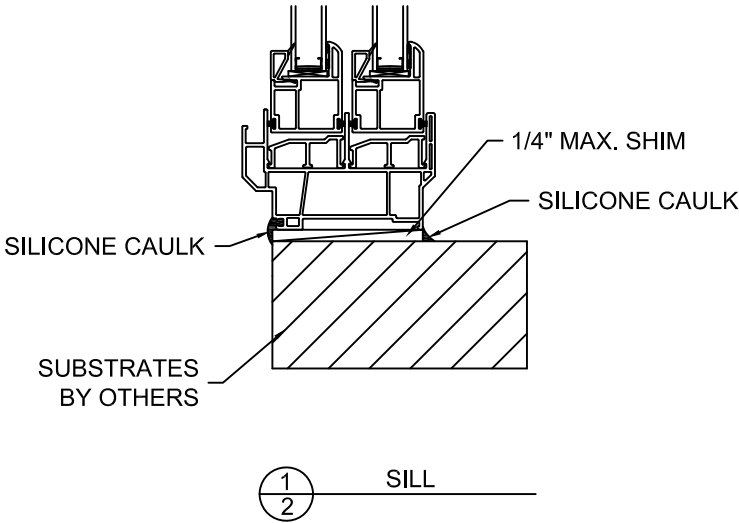
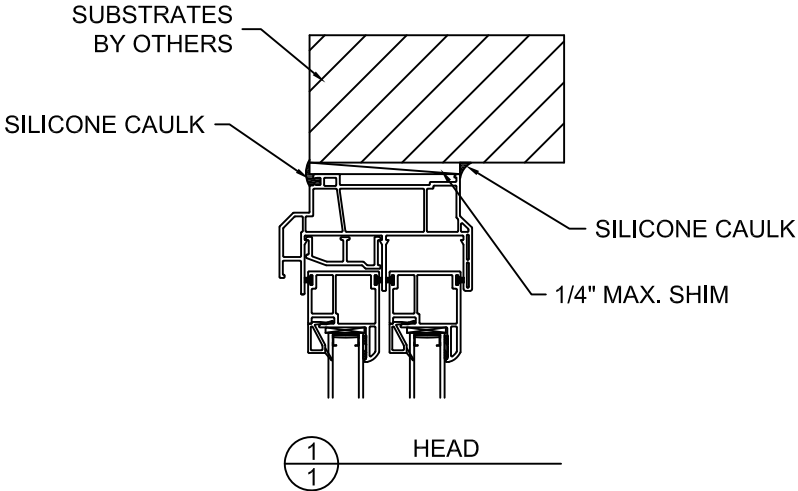
SIZE CHART		
OVERALL SIZE		DP RATING
WIDTH "W"	HEIGHT "H"	
120"	72"	±20 PSF
136"	63"	±25 PSF
148"	48"	±30 PSF
84"	63"	
105"	51"	±45 PSF
100"	48"	
84"	48"	±55 PSF

Lucas Turner,
PE 58201
2024.08.30
11:04:47
-05'00'



08/08/2024
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

REV. #:	REVISIONS:	REVISED BY:	DATE:
7	ADDED MIN. EDGE DIST. NOTE.	B.J.S.	06/19/15
8	ADDED MULTIPLE SUBSTRATES.	LMH	09/13/17
9	ADDED DP20 - 120x72 TO SIZE CHART.	LMH	09/11/19
10	UPDATED TO 7TH EDITION (2020) FBC.	LMH	02/15/21
11	UPDATED TO CURRENT FBC.	LMH	08/08/24



DISCLOSURE STATEMENT This document is the property of Simonton Windows, which retains all proprietary and other rights to its subject matter. This document is provided to the recipient on the expressed condition that it is not to be disclosed, reproduced in whole or part, nor used in conjunction with the design, manufacture or repair of goods for anyone other than Simonton Windows without its consent. This restriction does not limit the recipient's rights to utilize information contained in this document which is properly obtained from another source. FILE: FL 5179	MATERIAL:		Dimensional Tolerances Unless Otherwise Specified <table><tr><td>Decimals</td><td>Angles</td></tr><tr><td>.X ± .03</td><td rowspan="3">0° 30 min.</td></tr><tr><td>.XX ± .01</td></tr><tr><td>.XXX ± .005</td></tr></table>	Decimals	Angles	.X ± .03	0° 30 min.	.XX ± .01	.XXX ± .005	SIMONTON® W I N D O W S 1 Cochrane Avenue Pennsboro, WV 26415 <table><tr><td>SCALE:</td><td>SHEET:</td><td>APPRV'D BY:</td><td>DATE:</td></tr><tr><td>FIT</td><td>1 of 2</td><td></td><td></td></tr><tr><td colspan="4">SERIES: 07-09 / 07-10 / 07-20 ENDVENT SLIDER</td></tr><tr><td colspan="4">TITLE: 1X BUCK INSTALLATION</td></tr></table> SIZE: B DRAWING NO.: IN0226 REV.: 11 <table><tr><td>DRAWN BY:</td><td>DATE:</td></tr><tr><td>T.D.D.</td><td>01/29/08</td></tr><tr><td>CHECKED BY:</td><td>DATE:</td></tr></table>	SCALE:	SHEET:	APPRV'D BY:	DATE:	FIT	1 of 2			SERIES: 07-09 / 07-10 / 07-20 ENDVENT SLIDER				TITLE: 1X BUCK INSTALLATION				DRAWN BY:	DATE:	T.D.D.	01/29/08	CHECKED BY:	DATE:
	Decimals	Angles																														
	.X ± .03	0° 30 min.																														
	.XX ± .01																															
	.XXX ± .005																															
	SCALE:	SHEET:		APPRV'D BY:	DATE:																											
FIT	1 of 2																															
SERIES: 07-09 / 07-10 / 07-20 ENDVENT SLIDER																																
TITLE: 1X BUCK INSTALLATION																																
DRAWN BY:	DATE:																															
T.D.D.	01/29/08																															
CHECKED BY:	DATE:																															
RMS FINISH:																																
EXCEPT AS NOTED																																
ALLOY & TEMPER:																																
WEIGHT:	VOLUME:																															
SURFACE AREA:	PERIMETER:																															
FINISH TREATMENT:																																

MODEL DESIGNATION: Simonton 3-Lite Slider Series 07-09 / 07-10 / 07-20 Vinyl Window

MAXIMUM OVERALL NOMINAL SIZE: See Size Chart

DESIGN PRESSURE RATING: See Size Chart

USABLE CONFIGURATIONS: XOX

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".



08/08/2024
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

REV. #:	REVISIONS:	REVISED BY:	DATE:
7	ADDED MIN. EDGE DIST. NOTE.	B.J.S.	06/19/15
8	ADDED MULTIPLE SUBSTRATES	LMH	09/13/17
9	ADDED DP20 - 120x72 TO SIZE CHART.	LMH	09/11/19
10	UPDATED TO 7TH EDITION (2020) FBC	LMH	02/15/21
11	UPDATED TO CURRENT FBC.	LMH	08/08/24

TABLE 1: INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBED	MIN. EDGE DISTANCE
A	CONCRETE (2 KSI MIN.)	3/16" ITW TAPCON	1-1/2"	1-1/8"
B	HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"
C	2X MIN. SOUTHERN PINE WOOD (G=0.55)	3/16" ITW TAPCON	1-3/8"	7/8"
D	2X MIN. SOUTHERN PINE WOOD (G=0.55)	#10 WOOD SCREW	1-3/8"	7/8"
E	16 GAUGE (0.060") MIN. STEEL STUD, 33KSI YIELD MIN.	#10-16 ITW TEKS SELF-DRILLING SCREW	FULL THREAD	1/2"
F	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 36 KSI MIN.	#10 GRADE 5 SELF-TAPPING/ DRILLING SCREW	FULL THREAD	1/2"

NOTES:

1. THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE OUTSIDE THE HVHZ, 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.
2. ALL INTERIOR AND EXTERIOR PERIMETER SURFACES OF THE WINDOW MUST BE CAULKED.
3. ANCHOR TYPE, SIZE, SPACING, EMBEDMENT, AND EDGE DISTANCE SHALL BE AS SPECIFIED IN THESE DRAWINGS. USE APPROPRIATE ANCHORAGE FROM TABLE I ACCORDING TO SUBSTRATE TYPE. A MINIMUM CENTER-TO-CENTER SPACING OF 3" SHALL BE MAINTAINED BETWEEN ALL ITW TAPCONS IN ANY DIRECTION.
4. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR MASONRY OPENINGS WITH WOOD BUCKS LESS THAN 1-1/2" THICK, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, AND INTO MASONRY SUBSTRATE. WOOD BUCKS WITH MASONRY ARE OPTIONAL.
5. WOOD OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
6. 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.
7. SHIMS ARE REQUIRED WHERE GAPS OF GREATER THAN 1/16" EXIST BETWEEN OPENING AND FRAME. MAX. SHIM STACK IS 1/4". SHIMS SHALL BE LOAD-BEARING AND CAPABLE OF TRANSFERRING LOADS TO THE SUBSTRATE.
8. WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES THE USE OF APPROVED IMPACT RESISTANT SHUTTERS OR OTHER EXTERNAL PROTECTION.
9. SEALING AND FLASHING BY OTHERS SHOULD BE APPLIED USING THE ASTM E 2112 METHODOLOGY APPROPRIATE FOR THE OPENING INTO WHICH THE PRODUCT IS BEING INSTALLED. OVERALL WATER PENETRATION RESISTANCE OF THE INSTALLED PRODUCT IS NOT ADDRESSED IN THIS DRAWING AND IS THE RESPONSIBILITY OF OTHERS.
10. GLAZING SHALL COMPLY WITH ASTM E 1300.
11. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS. ANY DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH CODE REQUIREMENTS.
12. A WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
13. PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS ATI-C7747.01-109-47, ATI-C9026.01-501-47, ATI-C9142.01-501-47 AND ATI-D0297.01-501-47.
14. DESIGNATION "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL O: FIXED PANEL
15. 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.

DISCLOSURE STATEMENT This document is the property of Simonton Windows, which retains all proprietary and other rights to its subject matter. This document is provided to the recipient on the expressed condition that it is not to be disclosed, reproduced in whole or part, nor used in conjunction with the design, manufacture or repair of goods for anyone other than Simonton Windows without its consent. This restriction does not limit the recipient's rights to utilize information contained in this document which is properly obtained from another source. FILE: FL 5179	MATERIAL:		Dimensional Tolerances Unless Otherwise Specified Decimals Angles .X ± .03 .XX ± .01 .XXX ± .005 0° 30 min.	SIMONTON® W I N D O W S 1 Cochrane Avenue Pennsboro, WV 26415	SIZE: B	DRAWING NO.: IN0226	REV.: 11
	RMS FINISH:				DRAWN BY: T.D.D.	DATE: 01/29/08	
	EXCEPT AS NOTED				CHECKED BY:	DATE:	
	ALLOY & TEMPER:				APPR'D BY:	DATE:	
	WEIGHT:	VOLUME:			SCALE: FIT SHEET: 2 of 2		
	SURFACE AREA:	PERIMETER:			SERIES: 07-09 / 07-10 / 07-20 ENDVENT SLIDER		
FINISH TREATMENT:		TITLE: 1X BUCK INSTALLATION					