

JAMB SCREW INSTALLATION

JAMB SCREW INSTALLATION METHOD:

- UNIT MUST NOT BE IN DIRECT CONTACT WITH EITHER CONCRETE OR TREATED BUCK MATERIAL. IF SHIM SPACE IS LESS THAN 1/8" WRAPPING THE JAMBS AND HEAD JAMBS WITH WINDOW FLASHING TAPE IS REQUIRED AS A BARRIER BETWEEN THE UNIT AND CONCRETE OR TREATED LUMBER.
- SECURE THE JAMBS WITH #10 X 3" SCREWS SPACING 6" FROM CORNER AND 15" OC
- MINIMUM OF 2 PER SIDE.
- SHIM AT EACH SCREW AND BRACKET LOCATION
- APPLY TWO #8 X 3" SCREWS INTO EACH KEEPER
- APPLY TWO #8 X 3" SCREWS INTO EACH FRAME ALIGNMENT BOLT
- APPLY SEVEN #8 X 3" SCREWS INTO EACH HEADER TRACK
- APPLY #8 X 1 1/2" SCREWS THROUGH SILL SPACED 15" OC
- NAILING FIN SHOWN BUT IS OPTIONAL
- STRUCTURAL BRACKETS INSTALLED ABOVE STATIONARY PANELS 6" FROM CORNERS AND 15" OC

NOTES:

- THIS PRINT IS FOR STRUCTURAL PERFORMANCE ONLY. FOR FLASHING & SEALING REQUIREMENTS, REFER TO THE INSTALLATION INSTRUCTIONS.
- SHIMS:
 - A SHIM MUST BE PLACED 4-6" FROM EACH CORNER.
 - ALL OTHERS MUST BE PLACED A MAX OF 15 INCHES APART.
- IF CHEMICALLY TREATED LUMBER IS USED FOR BUCK MATERIAL, FASTENERS INTO THE BUCK MUST BE A MINIMUM OF 0.90 OZ/FT² ZINC HOT DIPPED GALVANIZED OR STAINLESS STEEL TYPE 304 OR 316.
- USED THROUGH FRAME HARDWARE

UNIT	MAX PANEL WIDTH	MAX FRAME SIZE	PG	LAM. TYPE
USFD2.251Z3G2 OX/XO	61 1/2	120 3/8 X 98	+65/-65	A
USD2.251Z3 OX/XO	36 3/8	72 3/8 X 98	+65/-65	C
USD2.251Z3 OX/XO	48 3/8	96 3/8 X 98	+65/-65	A

TYPE	LAMINATED GLASS MAKE UP	EXT LITE
A	3.9mm (.156") ANN + .090 SGP interlayer + 3.9mm(.156") ANN	4.7 mm T
B	3.9mm (.156") ANN + .090 SGP interlayer + 3.9mm(.156") ANN	5.7 mm T
C	3.0mm (.118") ANN + .090 PVB interlayer + 3.0mm(.118") ANN	4.7 mm T

GLASS BITE

GLASS COMPLIES WITH ASTM E1300
GLAZING DETAIL

2 PANEL DOOR SHOWN, SPACING APPLIES TO 1 AND 2 PANEL DOORS

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- MINIMUM OF 2 BRACKETS PER SIDE.
- SCREWS LISTED BELOW MUST BE FULLY EMBEDDED.
- ATTACH TO THE UNIT WITH TWO #8 X 3/8" SCREWS.
- ATTACH TO THE BUCK WITH TWO #8 X 1 1/2" SCREWS ON EACH SIDE OF THE BUCK.
- APPLY TWO 8 X 3" SCREWS INTO EACH KEEPER
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ITEM NO	REF NO	DESCRIPTION	UNSPECIFIED TOLERANCES
8	-----	#10 X 3" WOOD SCREW	DECIMALS: ANGLE DEG: XX ± .03 ± .5
7	-----	#8 X 1 1/2" SCREW	XXX ± .012
6	-----	STRUCTURAL BRACKET	LINEAL: FAB LINEAL: + .125 ± NA
5	-----	#8 X 7/8" SCREW	MATERIAL: NA
4	-----	2X WOOD BUCK BY OTHERS	
3	-----	SHIM	
2	-----	#10 X 2 1/2" WOOD SCREW	
1	-----	#8 X 3" WOOD SCREW	

RESEARCH & DEVELOPMENT

COLLECTION: ULTIMATE

DWG TYPE: INSTALLATION
DESCRIPTION: OX/XO IZ3 INSTALLATION

CHK:	SIZE: B	CLASS: MISC	DWG NO: 00138710
APP:	SCALE: NA	DATE: 6/21/2023	DWG BY: MARVIN/TIMBENT

SHEET: 1 OF 1

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