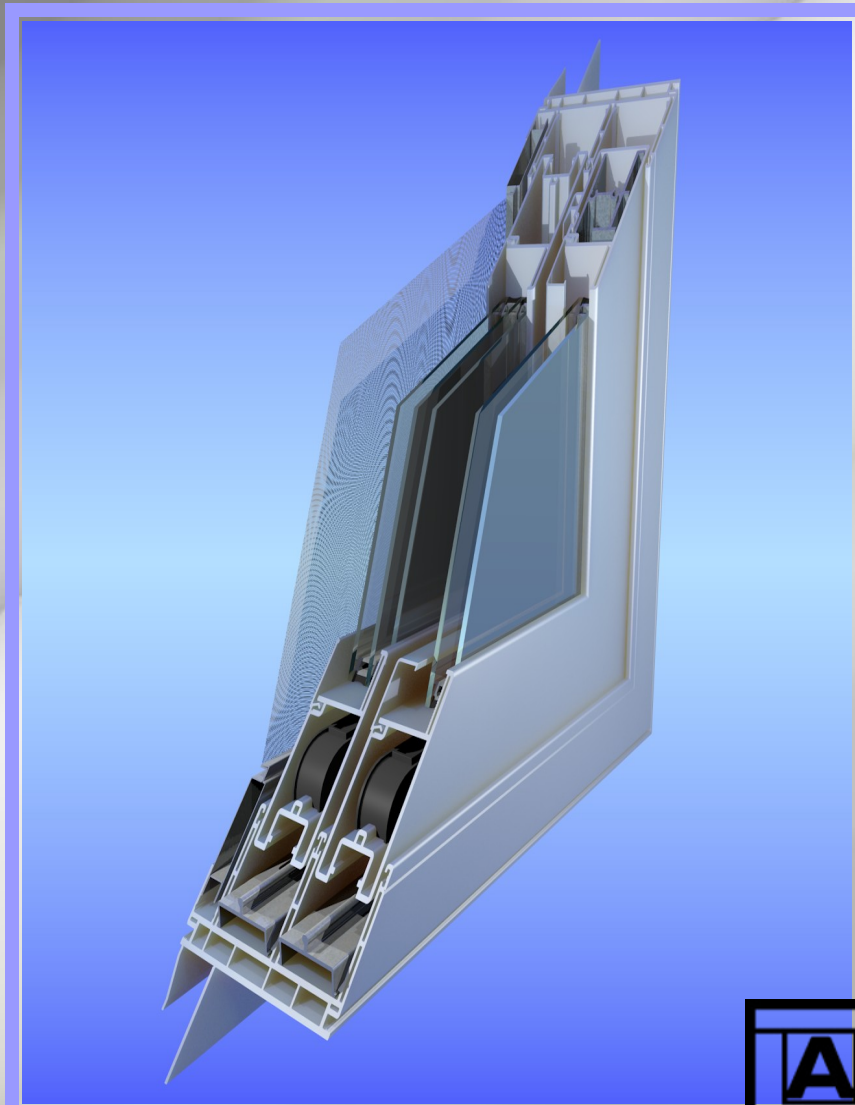


BAVARIAN POLYMERS

5050 SERIES DUAL PANEL SLIDING GLASS DOOR



DUAL PANEL – DP50 – 1-1/4" IG – IMPACT – R5 – INTEGRAL J-CHANNEL

White, Tan or Clay Vinyl - Laminates available in either wood grains or color

FEATURES AND BENEFITS

FRAME

- Typical wall thickness .075"
- 4-9/16" frame depth; accessory/trim grooves inside and outside
- Weep slots do not interfere with accessory grooves
- Available configurations: XX, OX, XO, OXO, OXXO
- .750" x .800" integral siding J-Channel; can be slit off inline
- Removable nailing fin (1-1/4" set-back) for retro-fit (flush) applications
- Installation screw supports in panel track
- Dual weatherstripping all around
- Removable panel and screen roller tracks (aluminum)
- Snap-in cover for unused track is available; no exposed installation screws
- Most accessory parts fit optional direct-glazed frame

PANELS

- Typical wall thickness .075"
- 7/8" glazing leg height
- Exterior-glazed; designed for impact testing to Miami-Dade and ASTM standards
- 1-9/16" x 3" profiles; 3/4" glass penetration
- Panel and interlock profiles also used in optional direct-glazed frame
- Panel stiles and rails are the same profile
- Equal glass size for manufacturing efficiency and grid alignment
- Mortise lock recessed into leadstile groove for increased stile penetration into jamb
- Fixed panel (XO, OX, etc.) requires no rollers or locks
- 3/16" (minimum) take-out clearance
- Glazing options from 3/4" I.G. to 1-1/4" I.G.
- Glass stops snap in perpendicular to the glazing for ease of insertion
- Dual-weatherstripped integral interlocks
- Large interlock hollows for optional high-performance reinforcement
- Interlock reinforcement is identical in both panels

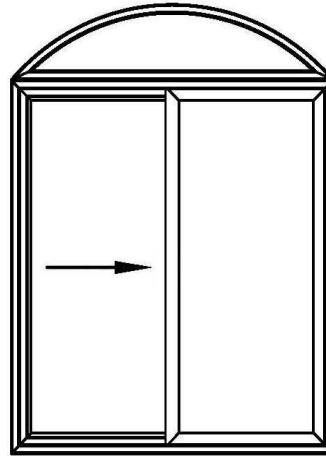
HARDWARE

- Designed to accept a wide range of single and multi-point locks & trim-sets
- Secondary locks (thumb-turn) are an option to multi-point locks
- Designed to accept almost any commercially available roller assembly
- Single or tandem wheels and end or side-adjust rollers are optional
- Anti-lift out devices are available
- Designed to accept a wide variety of sill weep hole covers

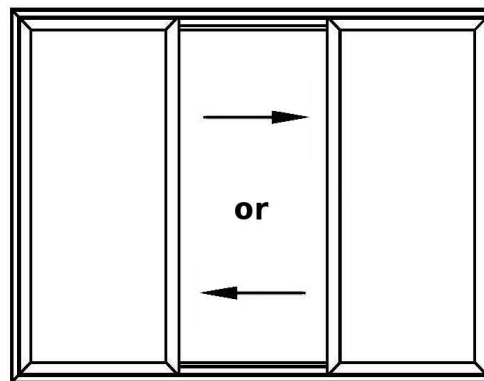
PERFORMANCE

- DP50 possible in a 8'0"/8'0" door size with the proper reinforcement
- U-value: 0.25 (R4) with 7/8" IG & dual low-E; U0.18 (R5.6) possible with triple-glazed 1-1/4" IG
- Zone 4 impact rating possible when the required interlayer and sealant is utilized
- Forced Entry Resistance (FER) rating is dependent on the lock hardware specified

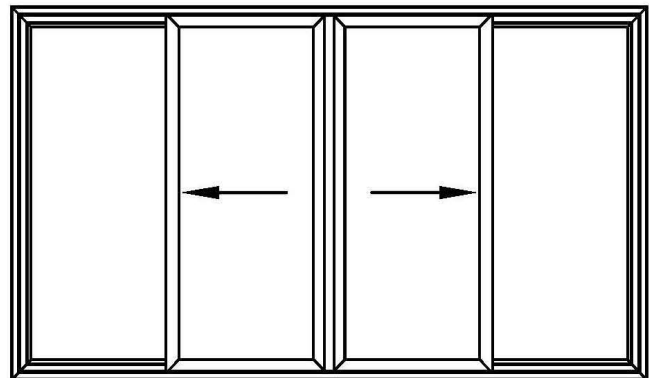
Possible Configurations



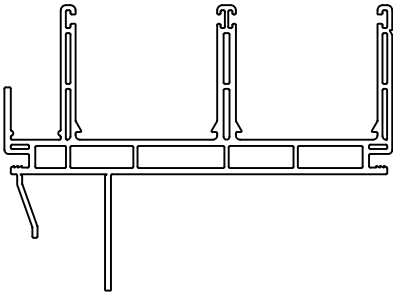

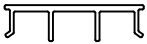
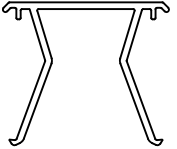
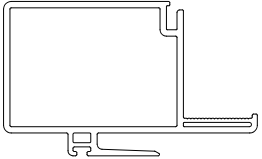
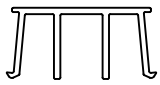
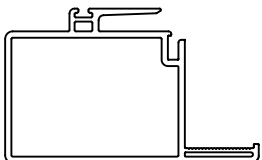
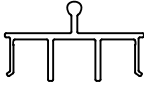
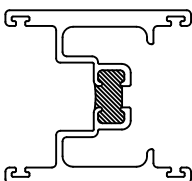
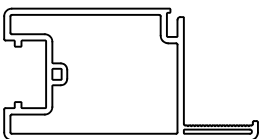
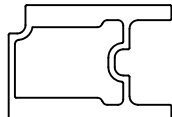
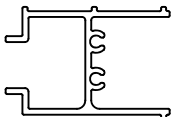

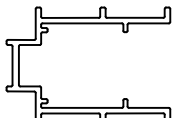

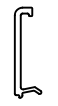

XO (OX) or XX



OXO



OXXO

GRAPHICS-VINYL	DESC.	PART#	GRAPHICS VINYL (CON'T.)	DESC.	PART#
	DIRECT-GLAZED MAINFRAME	XV-5052		1-1/4" GL. STOP	XV-5061
				ANTI-LIFT CLIP & KEEPER SHIM	XV-5063
				INT. JAMB COV./ PAN. STOP (PVC)	XV-5064
	EXTERIOR INTERLOCK	XV-5053		FIX. PAN. SPACER	XA-5062
			GRAPHICS ALUMINUM		
	INTERIOR INTERLOCK	XV-5054		PANEL ROLLER TRACK	XA-5072
				DXXD ASTRAGAL	XA-5078
	HORIZ. RAIL & VERT. STILE	XV-5055		H.D. INTLK. REINF.	XA-50112
				STD. INTLK. REINF.	XA-5093
	3/4" GL. STOP	XV-5057		RAIL & STILE REINFORCEMENT	XA-5090
	7/16" GGL. STOP	XV-5058			
	1-1/8" GL. STOP	XV-5060		SCREEN ROLLER TRACK	XA-5091

Part No: **5050**

Revision: N/A

Title: SERIES 5050 TWO-TRACK SLIDING GLASS DOORS

Drawing No: G-5050-6

AMESBURY HARDWARE

CAD Scale: 1:1

Drawn By: RJK

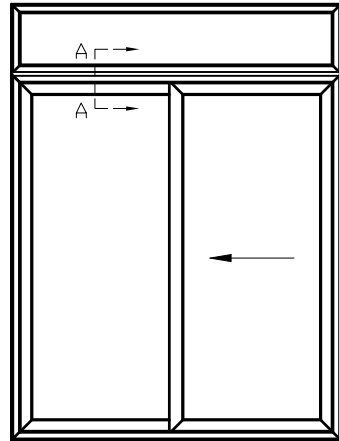
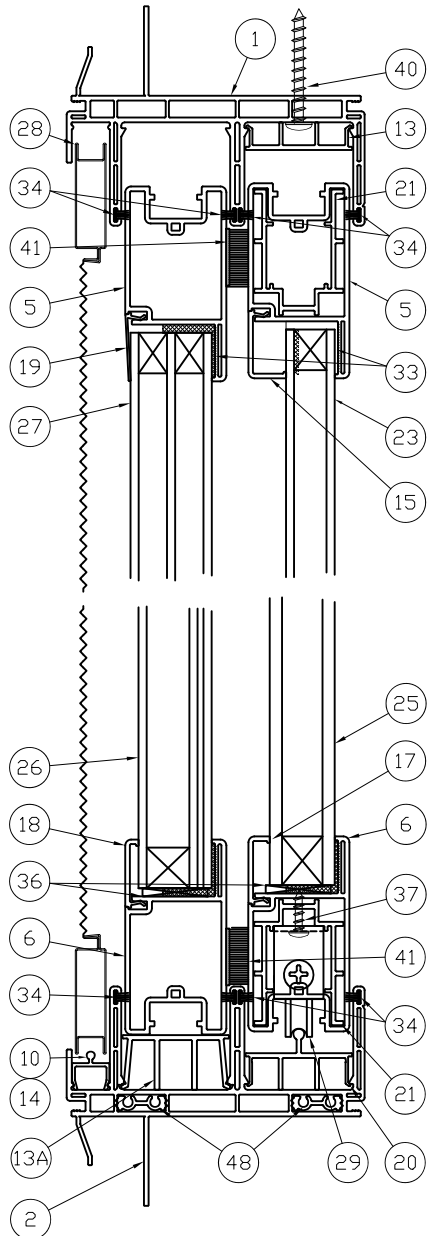
Approved By: _____

Date: 11-10-11

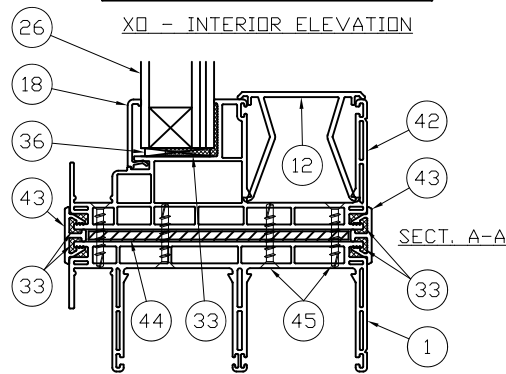
Material: Poly-Vinyl Chloride (PVC)

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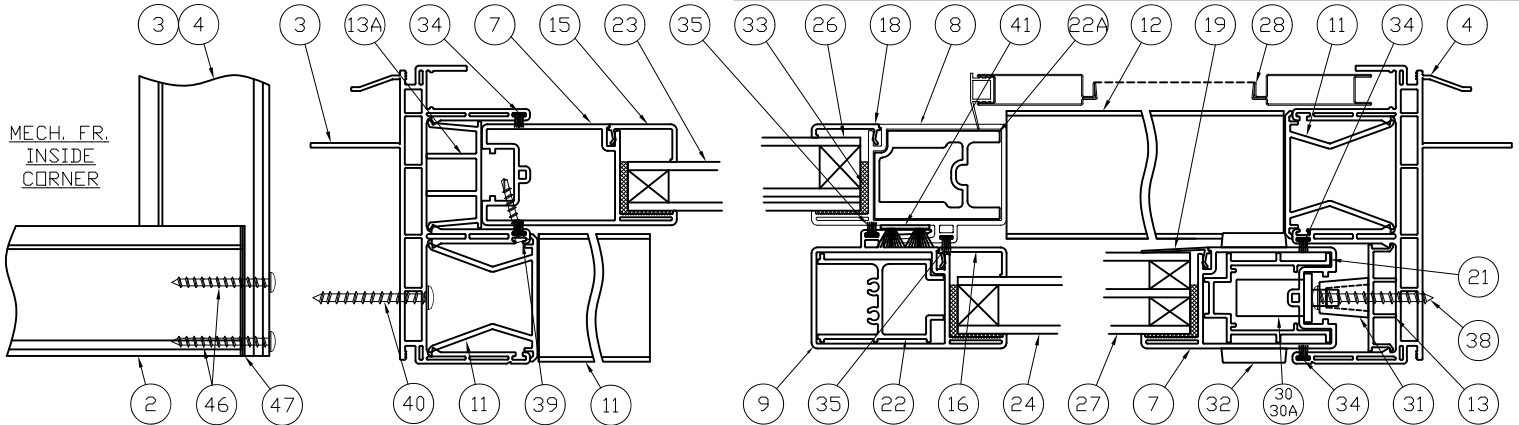
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XD - INTERIOR ELEVATION



SECT. A-A



MECH. FR. INSIDE CORNER

ITEM	PART NO./SIZE	DESCRIPTION	FAB. DWG/NOTES	VENDOR/SIZE	QTY.
1	5052	FRAME HEAD	F-5052-1	BAVARIAN	1
2	5052	FRAME SILL	F-5052-2A, 7	BAVARIAN	1
3	5052	FRAME FIXED-SIDE JAMB	F-5052-4, 5	BAVARIAN	1
4	5052	FRAME LOCK-SIDE JAMB	F-5052-1, 5	BAVARIAN	1
5	5055	PANEL TOP RAIL	F-5055-1A, 4	BAVARIAN	2
6	5055	PANEL BOTTOM RAIL	F-5055-1A, 4	BAVARIAN	2
7	5055	PAN. LOCK STILE & FIX. PAN. STILE	F-5055-2B, 3A	BAVARIAN	1 ea
8	5053	FRAME EXTERIOR INTERLOCK	F-5053-3	BAVARIAN	1
9	5054	PANEL INTERIOR INTERLOCK	F-5054-1-1	BAVARIAN	1
10	5065	VINYL SCREEN ROLLER TRACK	F-5065-2	BAVARIAN	1
11	5064	JAMB COVER & PANEL STOP	F-5064-1	BAVARIAN	2/2
12	5064	HEAD & SILL COVER	F-5064-1	BAVARIAN	1 ea
13	5063	ANTI-LIFTOUT BLOCK & KEEPER SHIM	F-5063-3, 4	BAVARIAN	A.R.
13A	5062	FIXED PANEL SPACER	F-5062-1	BAVARIAN	A.R.
14	5091	ALUM. SCREEN ROLLER TRACK	F-5065-2	KEYMARK	1
15	5057	3/4" IG GLASS STOP	F-50xx-1	BAVARIAN	8
16	5058	7/8" IG GLASS STOP	F-50xx-1	BAVARIAN	8
17	5059	1" IG GLASS STOP	F-50xx-1	BAVARIAN	8
18	5060	1-1/8" IG GLASS STOP	F-50xx-1	BAVARIAN	8
19	5061	1-1/4" IG GLASS STOP	F-5061-1	BAVARIAN	8
20	5072	PANEL ROLLER TRACK	F-5072-1	KEYMARK	1
21	5090	RAIL/STILE REINFORCEMENT	F-5090-1, 2	KEYMARK	2/1
22	5093	STD. INTERLOCK REINFORCEMENT	F-5093-2	KEYMARK	2
22A	50112	H.D. INTERLOCK REINFORCEMENT	F-50112-2	KEYMARK	2
23	X	3/4" INSULATING GLASS	X	X	2
24	X	7/8" INSULATING GLASS	X	X	2
25	X	1" INSULATING GLASS	X	X	2
26	X	1-1/8" IG-IMPACT GLASS	X	X	2
27	X	1-1/4" TRIPLE ACoustICAL GLASS	X	X	2
28	X	ROLLING SCREEN	X	X	1
29	1936-C2	TANDEM ROLLER-15" WHEELS	STEEL/S.S.	AMESBURY	2
30	555(-84)-1912	SINGLEPOINT LOCK-PLATED & S.S.	X	AMESBURY	1
30A	2817(-84)-2450	MULTIPOINT LOCK-PLATED & S.S.	X	AMESBURY	1
31	2264 or 2496	KEEPERS- 2264/555; 2496/2817	X	AMESBURY	1
32	X	XXX HANDLE SET	X	AMESBURY	1
33	X	STRUCTURAL ADHESIVE/SEALANT	X	X	A.R.
34	.187" x .220"	HIGH-DENSITY CENTERFIN PILE	X	X	A.R.
35	.187" x .250"	HIGH-DENSITY CENTERFIN PILE	X	X	A.R.
36	0.125"x1.25"x2"	NEOPRENE SETTING BLOCK	X	X	A.R.
37	#8 x 5/8"	PAN HEAD TYPE A SCREW	ATTACH ROLLERS	X	2
38	#10 x 1-3/4"	PAN HEAD TYPE A SCREW	ATTACH KEEPER	X	2/3
39	#6 x 1"	FLAT HEAD TEK SCREW	SECURITY SCR.	X	5
40	X	INSTALLATION SCREW	X	X	A.R.
41	P-5085/P-5085-1	ADHESIVE-BACKED PILE PAD	45°/90° INTLK. CUT	X	2
42	5051	TRANSOM & SIDELITE FRAME	F-5051-10	X	4
43	5096	MULLION CONNECTOR	ST. CUT-NO FAB.	X	2
44	1/8" x 4"	ALUM. REINF. PLATE	X	X	A.R.
45	#8 x 1" TEK	FLAT HEAD TEK SCREW	MULL SCREWS	X	A.R.
46	#8 x 1-1/2"	PAN HEAD TYPE A SCREW	MECH FR. ASSY	X	12
47	P-5098	ADHESIVE-BACKED FOAM GASKET	SEAL FR. CORNERS	X	4
48	50100	MECH. FR. SCREW BOSS INSERT	DRIVE INTO SILL	KEYMARK	4

Do Not Scale Drawing Dimensions. All Dimensions in "[]" Are In Millimeter Equivalents.

Part No: 5050

Revision: N/A

Rev	By	App'd	Date	Revisions
A				
B				
C				

Area
0.000 in.²
Weight
0.000 lbs./ft.

Title: SERIES 5050 DX (XD) TWO-TRACK SGD

Drawing No: A-5050-14 w/AMESBURY HARDWARE

Scale: 1:1

Drawn By: RJK

Date: 6-21-12

Material: Poly-Vinyl Chloride (PVC)

BAVARIAN POLYMERS

Tolerances (Except As Noted)
Decimals: ± 0.010" [0.25mm]
Fractions: ± 1/100" [0.25mm]
Angles: ± 0° - 30°
Other: ± N/A