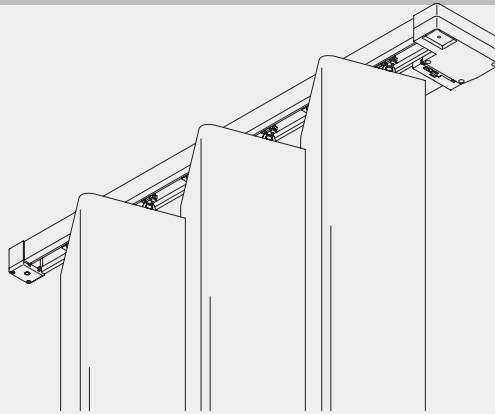


Sliding Panel Systems



Motorised Sliding Panel System

Silent Gliss® 2650 Panel Fold



Product Information

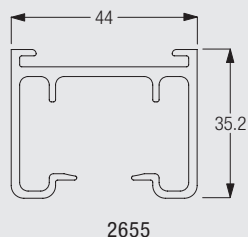
- Unique sliding panel system that allows folding of panels.
- Stunning effects through the 3-D shape.
- The system 2650 is equipped with a 24V DC motor 9090 or 9091 motor (with integrated receiver).
- One system can carry up to 8 panels.
- Depending on the total system width, panels can be selected in three different size ranges.
- Cannot be bent.
- Standard profile colours white.
- Easy removal of fabrics for cleaning thanks to easy click-in hangers and Velcro tape.
- Ceiling fix recommended.
- Symmetrical and asymmetrical stacking possible.
- System supplied made-to-measure with motor connected.
- Motor Silent Gliss 9091 (with integrated radio receiver) can be combined with Radio Remote Control System Silent Gliss 9940/0450.



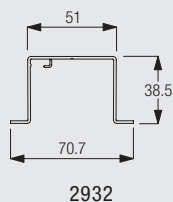
2650

Profile, Bending and Specification Information

Main profile



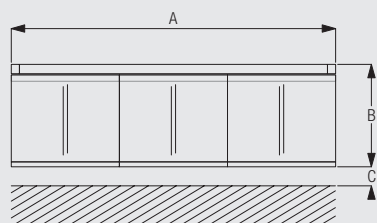
Recess profile



Specification Guide - download from the Silent Gliss website (password required) www.silentgliss.co.uk.

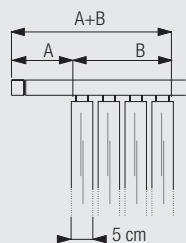
Silent Gliss 2650 electrically operated Panel Fold system comprising extruded aluminium headrail 2655 finish powder coated white. System complete and assembled with fabric panels, carriers 2510, bottom weight 2006, motor 9090/9091 and all the necessary fittings to provide a fully working panel fold system.m o/s drop, arranged to stack right hand single/left hand single/pair/asymmetric stack. Fabric Top fix with clamp 3033/recess fix with profile 2932. Detail specification to be agreed between architect/interior designer/contractor and Silent Gliss Ltd.

How to Measure



- A: System width
- B: System height
- C: 15mm clearance recommended
- B + C = Total floor to ceiling height

Stack size calculation



Total Stack Size (A+B)

Panel Width in cm	Number of Panels							
	1	2	3	4	5	6	7	8
40 - 43	19	24	29	34	39	44	49	54
44 - 46	20	25	30	35	40	45	50	55
47 - 50	21	26	31	36	41	46	51	56
51 - 55	22	27	32	37	42	47	52	57
56 - 58	23	28	33	38	43	48	53	58
59 - 63	24	29	34	39	44	49	54	59
64 - 66	25	30	35	40	45	50	55	60
67 - 71	26	31	36	41	46	51	56	61
71 - 72	27	32	37	42	47	52	57	62

- A: Stack Gap
- B: Stack Width
- A+B: Total stack size

Due to the unfolding of the panels, when opened, the first stack at either end is at some distance from the end of the profile, depending on the panel width. When closed, the complete width of the system is covered.

On the left hand chart you can calculate the total stack size and its distance from the profile edge, based on the panel width and the number of panels.

System and Panel Dimensions



5m



3m



Max. 8 panels



950g per panel
(incl. weight bar)

Panel widths calculation

System width in cm		Panel width in cm																											
		77	100	111	112	125	150	155	156	175	198	199	225	242	243	250	275	285	286	300	325	329	330	350	372				
Number of Panels	2	40	52	57																									
	3				40	45	53	55																					
	4									43	48	53																	
	5												44	49	53														
	6																45	46	50	52									
	7																			46	48	51	52						
	8																									46	49	51	

System width in cm		Panel width in cm																												
		95	100	125	129	130	150	175	179	180	200	225	230	231	250	275	280	281	300	325	331	332	350	375	381	382	400	425	432	
Number of Panels	2	49	52	64	66																									
	3					46	53	61	63																					
	4									49	54	60	61																	
	5													50	54	59	60													
	6																	51	55	59	60									
	7																				52	55	58	59						
	8																										53	55	58	59

System width in cm		Panel width in cm																												
		150	175	200	207	208	225	250	266	267	275	300	324	325	350	375	383	384	400	425	441	442	450	475	500					
Number of Panels	2	--	--	--	--																									
	3	53	61	70	72																									
	4					56	60	66	70																					
	5									58	59	64	69																	
	6													59	63	67	68													
	7																	60	62	65	68									
	8																									60	61	64	67	

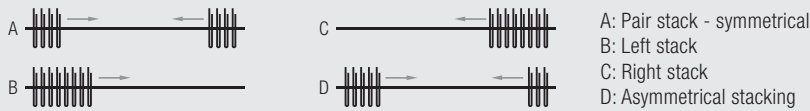
Customers may select out of three different panel size ranges, (small, medium or large), depending on the total system length and the number of panels desired.



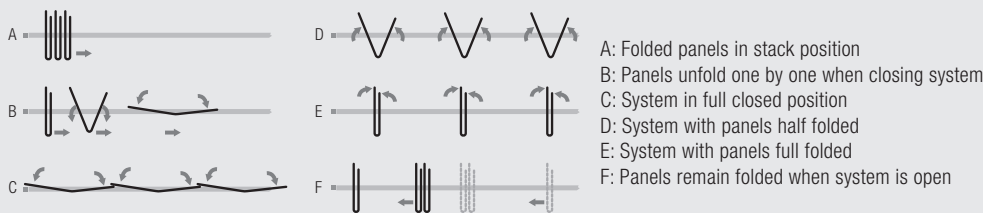
2650

Stacking Variations & Operation

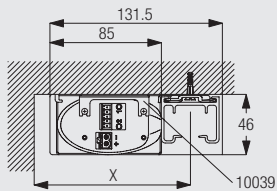
Stacking variations



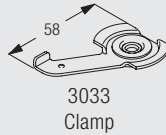
Operation / Panel Movements



Ceiling fixing with clamp 3033

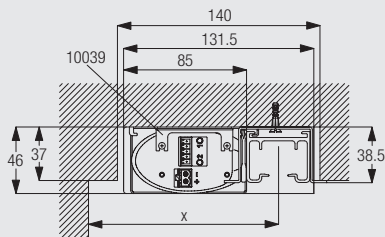


Panel (cm)	x (mm)
40-45	18
46-50	19
51-55	21
56-60	22
61-65	23
66-72	25

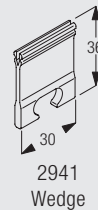
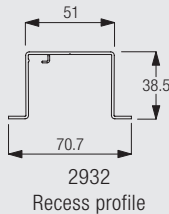


The minimum distance from the wall (X) depends on the panel width (see table above).

Recess fixing with recess profile 2932



Panel (cm)	X (cm)
40-45	18
46-50	19
51-55	21
56-60	22
61-65	23
66-72	25



The minimum distance from the wall (X) depends on the panel width (see table above). The profile 2932 can not be bent!

Standard Accessories



2650

0613 5-position switch



2006 Weight bar



2510 Profile



2641 Holder



2643 End cover



2655 Profile



9090 Motor 24V DC



10040 Power Supply



10048 Power lead (175cm)



9119 Guide set, containing ...

2922 Guide return

1



2952 Half case





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2953 Half case

1



2959	Bevel wheel	1	
2960	Drive	1	
2961	Adapter	1	
9101	Securing pin	1	

Optional Accessories

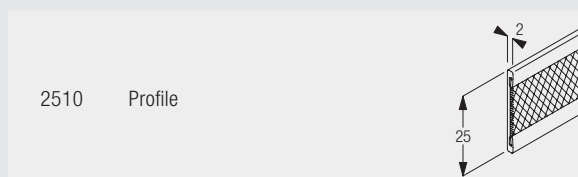
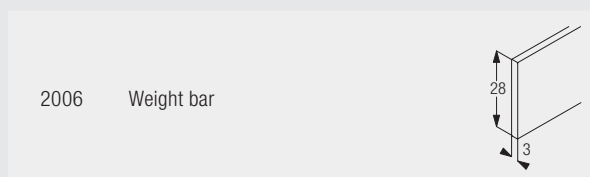
0565	Non-latching switch		0913	Wall mounted switch single-channel BS Brushed Stainless/MP Mirror Polish/BR Brass	
0914	Wall mounted switch 8-channel BS Brushed Stainless/MP Mirror Polish/BR Brass		0915	Hand held transmitter single-channel	
0939	Multi-channel programmable transmitter		2932	Recess profile	
2941	Wedge		9091	Motor 24V DC, radio receiver	
9943	Wall switch		9946	Wall switch	
9948	Wall switch		10297	Solar Sensor	
10298	Sensor		10300	Hand-held transmitter, 1 channel	
10302	Hand-held transmitter, 5+1 channel		10303	Hand-held transmitter, 10+2+1 channel	



Fabric Information

Silent Gliss supply the panel fold system fully assembled complete with fabric panels chosen from a recommended fabric range.

Useful Measurements



Overview Motors and Controls

Motor 9090 / 9091 DC (24 V)	Standard	Option
		With built-in radio receiver
Motor Nr.	9090	9091 / 9091 EL

Motor Features

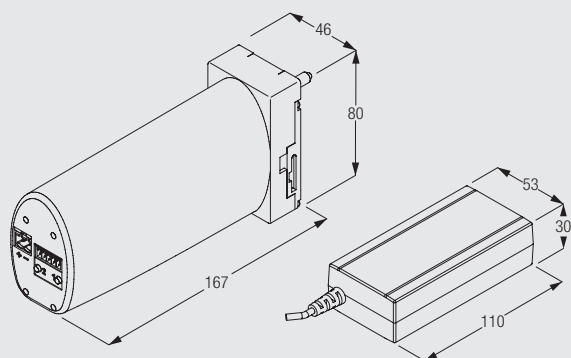
Interference free	•	•
Electronic limit settings (with memory to protect against power failure)	•	•
Thermal overload protection	•	•
Meets the standards CE/IECEE-CB- CCC	•	•
Shaft rotation reversible	by wire	by wire
Smooth operation with soft start and soft stop	•	•
Automatic obstacle detection	•	•

Control Features

Silent Gliss radio remote control 0450 / 9940		•
Suitable for all common home automation and bus systems	•	•
Switching by low voltage inputs group and individual	•	•

These features represent only a small selection of a multitude of various control options.

Motor 9090 / 9091DC (24V)



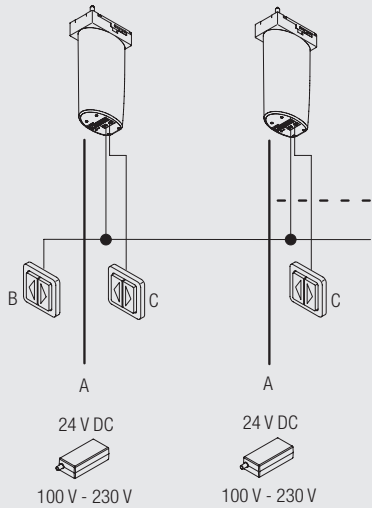
- Voltage: 24V DC
- Frequency receiver of Motor 9091: 433.9 MHz
- Current: 1.9A
- Speed: 110rpm
- Temperature for operation: 0°C to + 60°C
- Thermal overload protection
- CE/IECEE Standard
- Weight: 0.5kg

Separate power supply incl. low-voltage cable (2.9m) and power supply cable are needed to operate the motors.

Note: For 9940 radio control system use integrated motor 9091EL, for 0450 radio control system use integrated motor 9091.

Operating Methods

Combination of wall switch and multiple motors with motor 9090

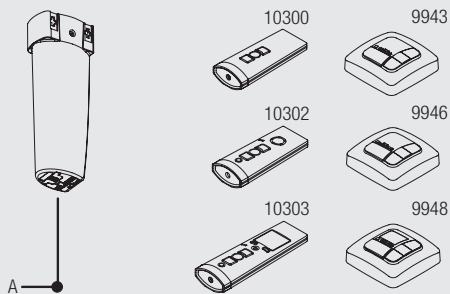


A: 24 V DC, 1.9A
 B: simultaneous
 C: individual

Electronic operation with "Open-Close" at any desired position.

Simultaneous and/or individual operation of single or multiple systems, by low voltage switch.

Operation with system 9940 radio controls with motor 9091EL (integrated receiver)

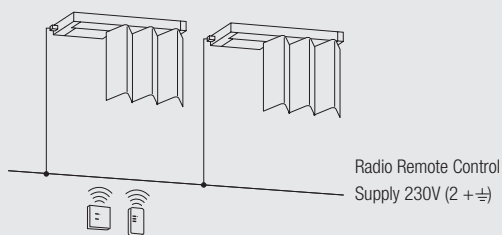


A: 230V

The 9091EL motor with integrated receiver can be operated directly with hand-held transmitters 10300, 10302, 10303 and wall switches 9943, 9946 and 9948.



Operation with System 0450 Radio Controls with Motor 9091 (integrated receiver).



The Silent Gliss System 0450 Radio Controls allow the Panel Fold to be operated via fixed switch or hand-held remote controls. For more information on the wide range of controls refer to the Switches section of this catalogue.

Does not require an external receiver as already integrated within the 9091 motor housing.

Wiring and Connections

Important: Wiring diagrams are available on the Silent Gliss Website (password required) www.silentgliss.co.uk.

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