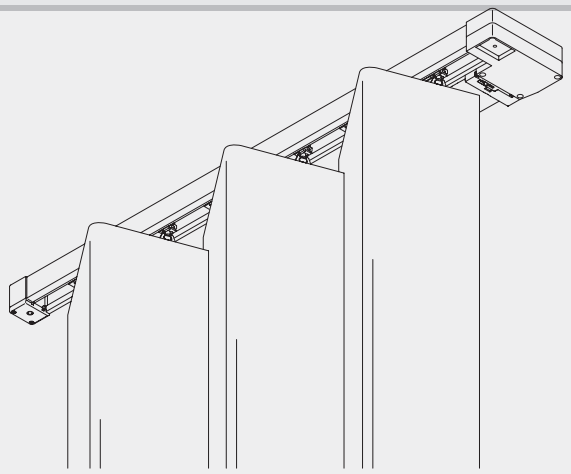
Motorised Sliding Panel System

Silent Gliss® 2650 Panel Fold



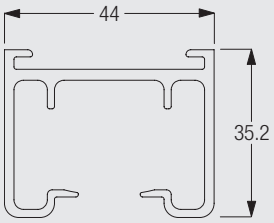
Product Information

- 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 intergrated radio receiver) can be combined with Radio Remote Control System Silent Gliss 9940/0450

SG-S SilentGliss Spares
SilentGliss Systems
www.sg-s.co.uk

Profile, Bending and Specification Information

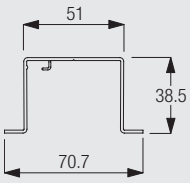
Main profile



2655

Cannot be bent

Recess profile

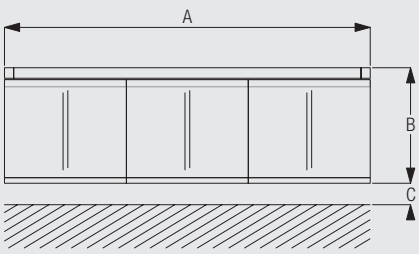


2932

Cannot be bent

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.

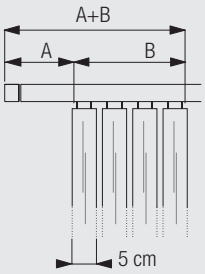
How to Measure



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

2650

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

Number of Panels	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
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

Number of Panels	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
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

Number of Panels	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
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

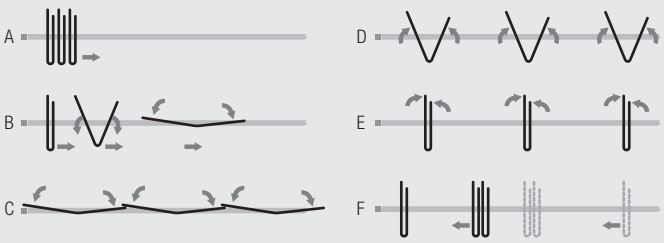
Customers may select out of three different panel size ranges, (small, medium or large), depending on the total system length and the number of panels desired.

Stacking Variations & Operation

Stacking variations

A: Pair stack - symmetrical
B: Left stack
C: Right stack
D: Asymmetrical stacking

Operation / Panel Movements

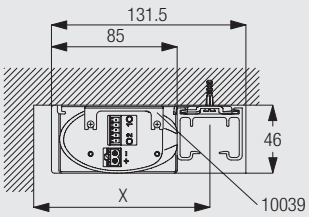


A: Folded panels in stack position
B: Panels unfold one by one when closing system
C: System in full closed position
D: System with panels half folded
E: System with panels full folded
F: Panels remain folded when system is open

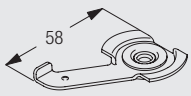
Fitting Options

CAD download through Silent Gliss website (password required) www.silentgliss.co.uk

Ceiling fixing with clamp 3033



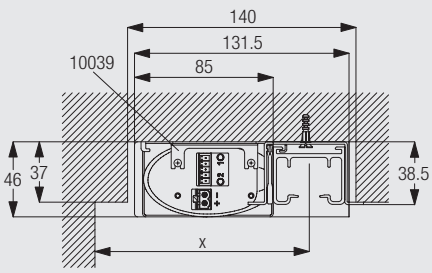
Panel (cm)	x (mm)
40-45	18
46-50	19
51-55	21
56-60	22
61-65	23
66-72	25



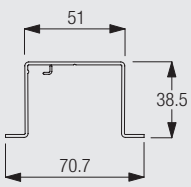
3033
Clamp

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

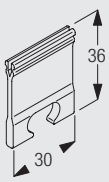
Recess fixing with recess profile 2932



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



2932
Recess profile



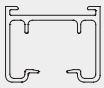
2941
Wedge

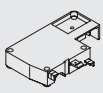
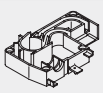
The minimum distance from the wall (X) depends on the panel width (see table above). The profile 2932 can not be bent!

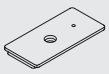
Standard Accessories

2650

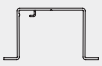
0613	5-position switch	
2510	Profile	
2643	End cover	
9090	Motor 24V DC	
10048	Power lead (175cm)	

2004	Bottom bar	
2641	Holder	
2655	Profile	
10040	Power Supply	

9119	Guide set, containing ...		
2922	Guide return	1	
2952	Half case	1	
2953	Half case	1	

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

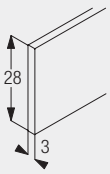
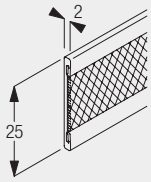
Optional Accessories

0565	Non-latching switch		
2941	Wedge		
2932	Recess profile		
9091	Motor 24V DC, radio receiver		

Fabric Information

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

Useful Measurements

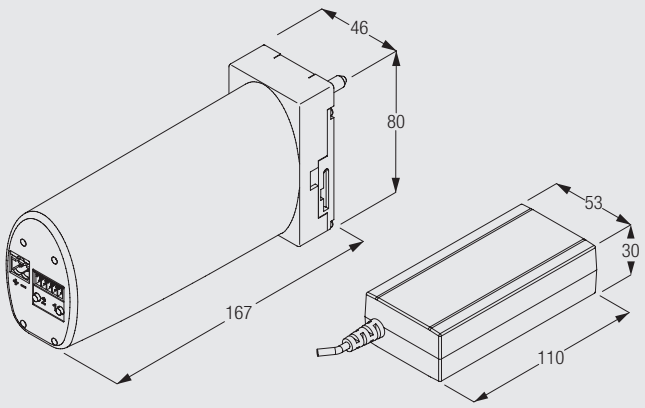
2006	Weight bar		
2510	Profile		

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)



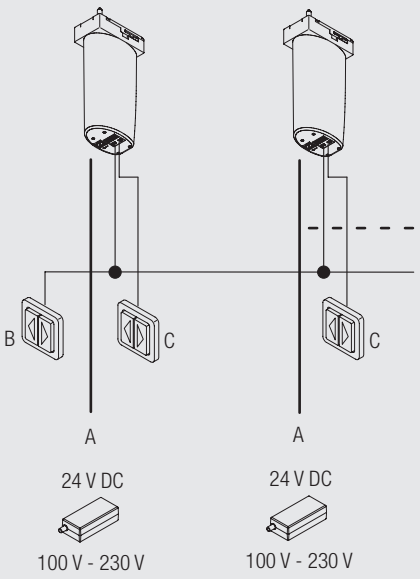
- Voltage: 24V DC
- Frequency receiver of Motor 9091: 433.9 MHz
- Current: 1.9A
- Speed: 110rpm
- Temperature for operation: 0°C to + 60°C
- Thermal overload protection
- CE/IECEE Standard
- Weight: 0.5kg

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

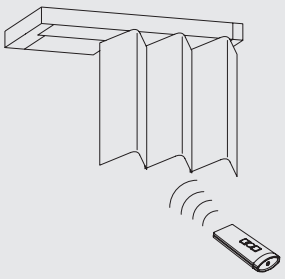


A: 24 V DC, 1.9A
B: simultaneous
C: individual

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 systems 9940/0450 radio controls with motor 9091 (integrated receiver)



System with Silent Gliss motor 9091 features an integrated receiver and can be combined with Radio Remote Control Systems Silent Gliss 9940/0450 with minimum wiring.**For further details, please refer to catalogue section “Motors & Controls”.**

Wiring and Connections

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