

CONSTRUCTION \* TECHNOLOGY \* DETAILS



SYSTEM Accordion



## Advanced and flexible fit out office solutions



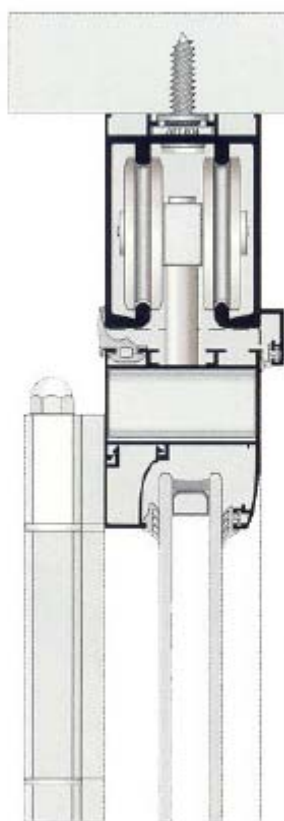
### Partition system Accordion - wall thickness 50 mm.

Effortlessly smooth gliding and beautifully impressive folding doors create a vast amount of unimaginable space along with inviting contemporary character and comforting glass wall ambiance to any ordinary room. As opposed to the limitations of traditional patio doors and French doors where openings are greatly restricted due to areas being closed off, a set of innovative folding sliding doors open up as far as your creative imagination takes you just imagine what you could do with that extra space created by a bi-fold folding door.

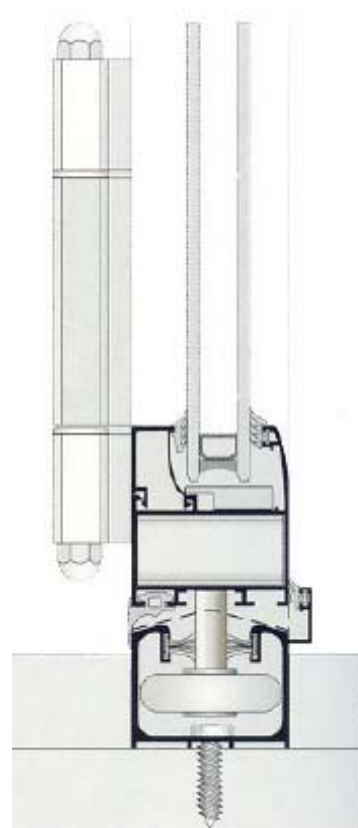
The way in which our folding sliding patio doors are designed demonstrates clever engineering, versatility and durability of a glass wall simply because of the whole concept behind the folding panels of utilising the space that you have by creating more space, easily. Unlike a set of sliding doors for example where at least half of your available opening is blocked, our folding door system incorporates the full opening not wasting any space, which is done by using modern technology and state of the art hardware designed for easy functionality and long term reliability. This folding panel system has the option of a flush threshold unlike most French doors.



# Partition system Accordion - wall thickness 50 mm.



Ceiling connection



Floor connection





## System Accordion - technical data

Dimensions:	Dependent on construction
Sash width	50 mm.
Sliding system	Combination of teflon sliding roller and sash-connecting hinge into a single accessory
Capacity	Up to 125 kg per sash
Features	Sealing with both EPDM gaskets and high-density brushes
	Low threshold for comfortable access and passage
	Availability of locking door construction, opening inwards or outwards
No of sashes	At least three
	Supports construction with theoretically infinite sashes, surpassing restrictions that were present in accordion doors with traditional external mechanisms (i.e. short external guides, substantial cost increase for every extra sash, etc.)
	Option of both symmetrical and asymmetrical construction, limited only by an odd number of sashes in each folding side
Type of opening	Option of installing "tilt and turn" sash on the folding one
Technical specifications of profiles	Alluminium alloy AlMgSi (EN AW 6060)
	Hardness - 12 Webster or 70 HB minimum
	Minimum powder coating thickness - 75 µm
	Colors availability - RAL, NCS or Sable
	Profile thickness - 1,4 - 1,8 mm.
Construction options	Profile geometry control - EN DIN 12020-2 compliant
	Availability of constructing sash partitions, using a "T"-profile in the folding sashes
	Availability of shutter constructions

## System accordion - sound insulation

Values in accordance with EN - ISO - 707-1

Sound insulation Rwp	Glass thickness in mm.	
32 dB	6 mm. float glass	single glazing
33 dB	8 mm. float glass	single glazing
36 dB	7 mm. laminated safety glass	single glazing
38 dB	9 mm. laminated safety glass	single glazing
38 dB	5 mm. float glass	5 mm. float glass
39 dB	5 mm. float glass	6 mm. float glass
40 dB	5 mm. float glass	8 mm. float glass
42 dB	5 mm. float glass	7 mm. laminated safety glass
37 dB	6 mm. float glass	6 mm. float glass
40 dB	6 mm. float glass	8 mm. float glass
45 dB	7 mm. laminated safety glass	7 mm. laminated safety glass