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2. Due to the printing works, there may be differences between the official product and the icon, and everything is subject to the actual product.

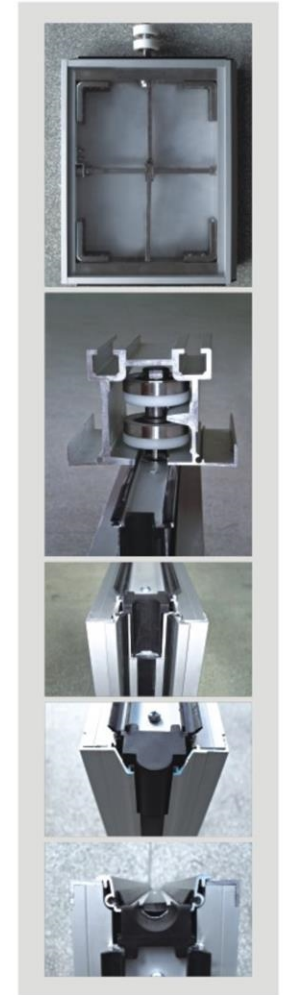
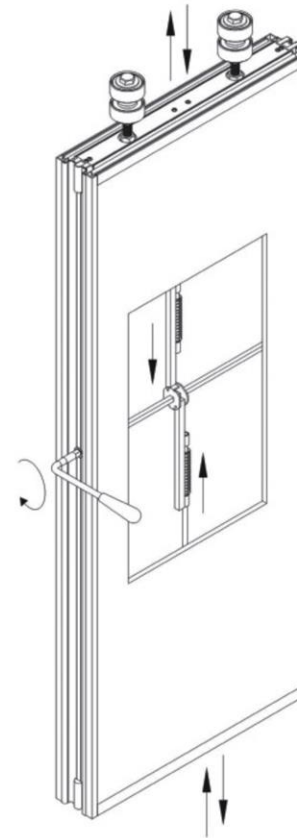


**Free of floor track, Partition wall with hanging system**  
**Widely used in hotel, conference hall, meeting room etc**  
Space limited, dividing unlimited  
Free CAD Design. Customized on demand

## About us



## Structural Form



### Cam type transmission mechanism

The upper and lower telescopic mechanism of the movable partition adopts a convex shape, and only needs to be rotated by 180° to quickly open the telescopic mechanism to achieve the upper and lower sealing effect.  
Features: convenient and fast

# Product Introduction



### GLS-65 Economic Partition

- ☆ Aluminum Frame Thickness: 65 mm
- ☆ STC: 25dB-35dB
- ☆ Height Limited: 4 meters
- ☆ Suitable for high end hotel, restaurants division etc.



### GLS-100 Deluxe Partition

- ☆ Aluminum Frame Thickness: 100 mm
- ☆ STC: 43dB-55dB
- ☆ Height Limited: 8 meters
- ☆ Installed through narrow slots on the ceiling, our removable partition allows block or absorb noise while providing space flexibility.



### GLS-85 Standard Partition

- ☆ Aluminum Frame Thickness: 85 mm
- ☆ STC: 32dB-45dB
- ☆ Height Limited: 6 meters
- ☆ High quality, design flexibility, acoustic performance and durable durability.



### GLS-H Ultra High Partition

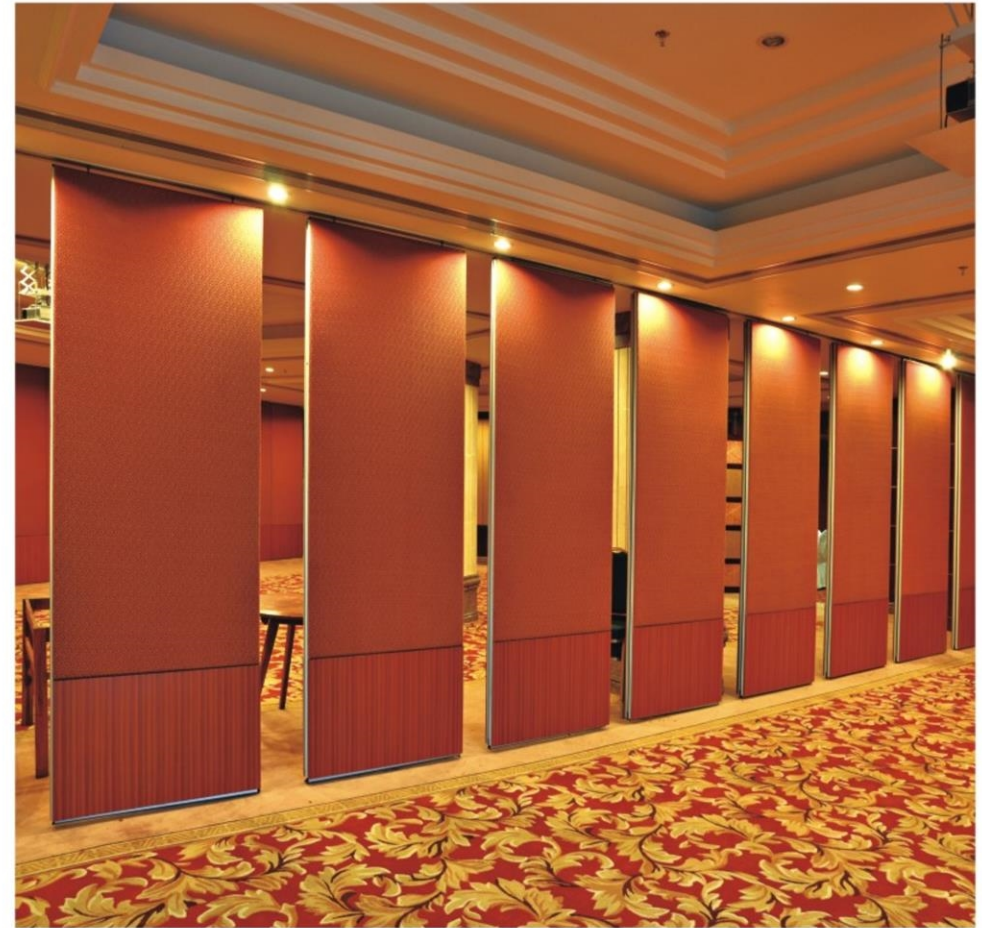
- ☆ Aluminum Frame Thickness: 100 mm
- ☆ STC: 43dB-55dB
- ☆ Height Limited: 15 meters
- ☆ Super high partitions are an ideal sight and sound divider for high ceiling rooms that require frequent flexibility in space division.

### GLS-G40 Frameless Operable Glass Wall

- ☆ Glass Thickness: 10-12 mm
- ☆ Can set a screen as a door
- ☆ Ideal for any application where transparency, natural sunlight and versatility are required. Whether the purpose is to link or separate, add security, provide noise or thermal insulation for Indoor environment .
- ☆ They are widely used in office, conference room, commercial room, meeting room, soundproof room, hotels, community centres, and schools, etc.

### GLS-G65/85 Full Frame Movable Glass Wall

- ☆ Aluminum Frame Thickness: 65 or 85 mm
- ☆ Glass Thickness: 10-12 mm
- ☆ Can set a screen as a door
- ☆ High-grade, easy to operate, safe and reliable.
- ☆ They are widely used in office, conference room, commercial room, meeting room, soundproof room, hotels, community centres, and schools, etc.



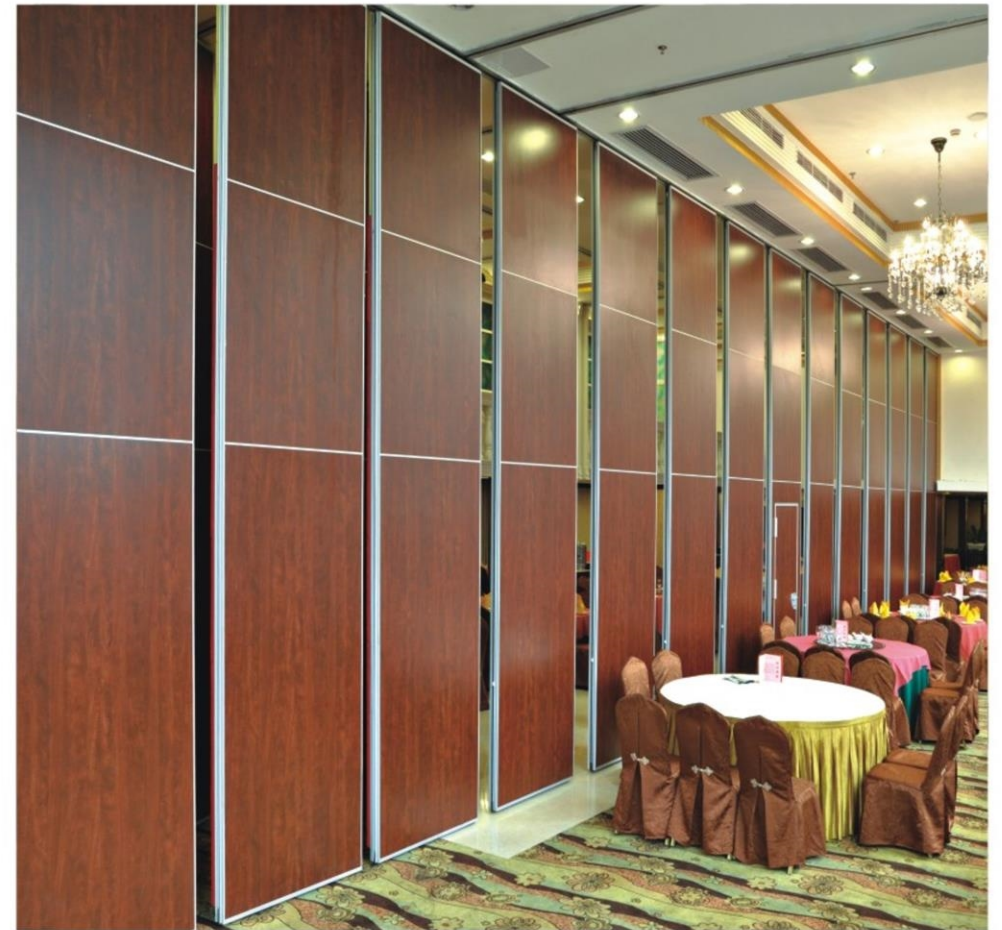
### GLS-65 Movable Partition Wall (Suitable for below 4 meters)

Surface Material	Thickness(mm)	Width(min/max)	Height(min/max)	STC(dB)	Retractable range(mm)	Main Material	Net Weight(Kgs/m <sup>2</sup> )
MDF	65	680/1228	2000/4000	28	22.5	6063-T6	23
Melamine board	65	680/1228	2000/4000	30	22.5	6063-T6	25
Hard Fabric	65	680/1228	2000/4000	30	22.5	6063-T6	25
Soft Fabric	65	680/1228	2000/4000	35	22.5	6063-T6	28



**GLS-85 Movable Wall System** (Suitable for below 6 meters)

Surface Material	Thickness(mm)	Width(min/max)	Height(min/max)	STC(dB)	Retractable range(mm)	Main Material	Net Weight(Kgs/m <sup>2</sup> )
MDF	85	680/1228	2000/6000	32	22.5	6063-T6	28
Melamine board	85	680/1228	2000/6000	35	22.5	6063-T6	30
Hard Fabric	85	680/1228	2000/6000	35	22.5	6063-T6	32
Soft Fabric	85	680/1228	2000/6000	45	22.5	6063-T6	38



**GLS-100 Operable Wall** (Suitable for below 8 meters)

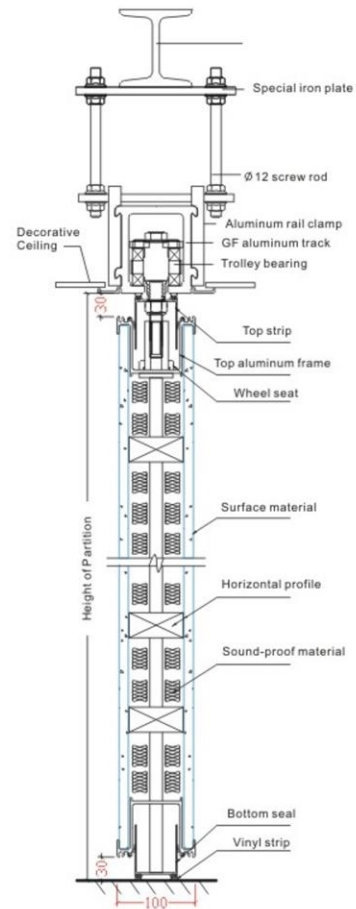
Surface Material	Thickness(mm)	Width(min/max)	Height(min/max)	STC(dB)	Retractable range(mm)	Main Material	Net Weight(Kgs/m <sup>2</sup> )
MDF	100	680/1228	2000/10000	43	30	6063-T6	38
Melamine board	100	680/1228	2000/10000	45	30	6063-T6	40
Hard Fabric	100	680/1228	2000/10000	45	30	6063-T6	38
Soft Fabric	100	680/1228	2000/10000	55	30	6063-T6	45



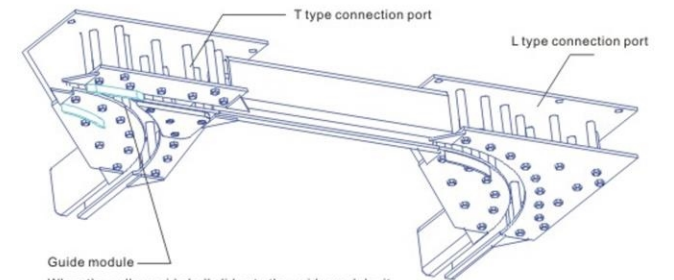
GLS-H Ultra High Mobile Wall (Suitable for below 15 meters)

Surface Material	Thickness(mm)	Width(min/max)	Height(min/max)	STC(dB)	Retractable range(mm)	Main Material	Net Weight(Kgs/m)
MDF	100	680/1228	2000/12000	43	30	6063-T6	43
Melamine board	100	680/1228	2000/12000	45	30	6063-T6	45
Hard Fabric	100	680/1228	2000/12000	45	30	6063-T6	43
Soft Fabric	100	680/1228	2000/12000	55	30	6063-T6	50

### GLS-H Super High Collapsible Partition



GreatFold super high type aluminum tracks and joints, specially designed to achieve automatic cornering

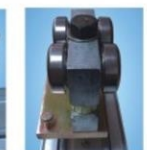


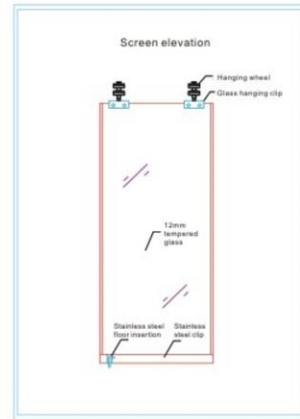
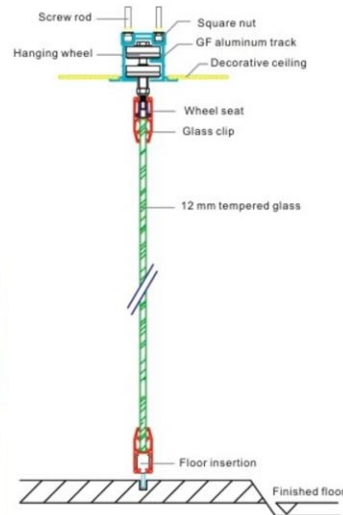
When the pulley guide ball slides to the guide module, it can reach the specified position by itself when it is operated by the partition.

GF Ultra high aluminum track



GF Ultra high steel track

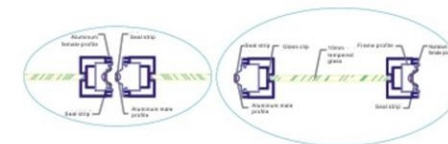
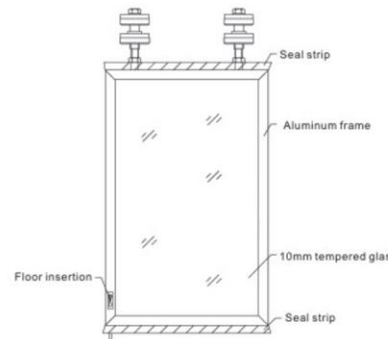
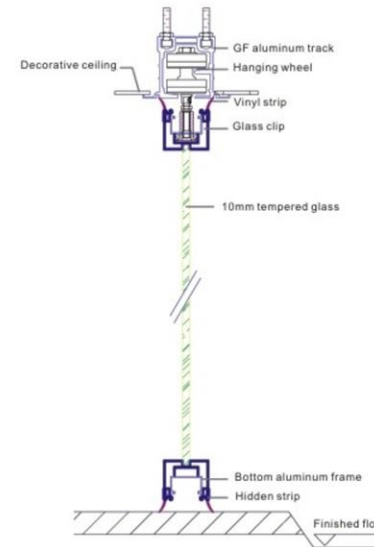




### GLS-G40 Frameless Operable Glass Wall

- ☆ Glass Thickness 12 mm, with 6063-T6 aluminum alloy material up and down frame.
- ☆ Can set a screen as a door, the door will with handle. Stylish, easy to operate and safe.
- ☆ They are widely used in office, conference room, commercial room, meeting room, soundproof room, hotels, community centres, and schools, etc.

Item No.	Thickness(mm)	Width(min/max)	Height(min/max)	STC(dB)	Retractable range(mm)	Surface Material	Net Weight(Kgs/m <sup>2</sup> )
GLS-G40	10-12	600/1100	2500/3600	15-20	/	Toughened glass	36-40



### GLS-G65/85 Full Frame Movable Glass Wall

- ☆ Aluminum Frame Thickness: 65 or 85 mm
- ☆ Glass Thickness: 10-12 mm
- ☆ Can set a screen as a door
- ☆ High-grade, easy to operate, safe and reliable.
- ☆ They are widely used in office, conference room, commercial room, meeting room, soundproof room, hotels, community centres, and schools, etc.

Model	Thickness(mm)	Width(min/max)	Height(min/max)	STC(dB)	Retractable range(mm)	Surface Material	Net Weight(Kgs/m <sup>2</sup> )
GLS-G65/85	10-12	800/1100	2500/3600	15-20	/	Toughened glass	40-45

### GLS-320 Restaurant folding screen

Folding screen(Can't straighten)real picture



Screen can be customized as below:

Item No.	Max Height(mm)	Screen Thickness(mm)	Screen Width(mm)	Surface material	Weight(Kgs)
GLS-320	2000mm	32mm	600-1200mm	Melamine board	8
	2000mm	32mm	2000-2200mm	Fabric	8

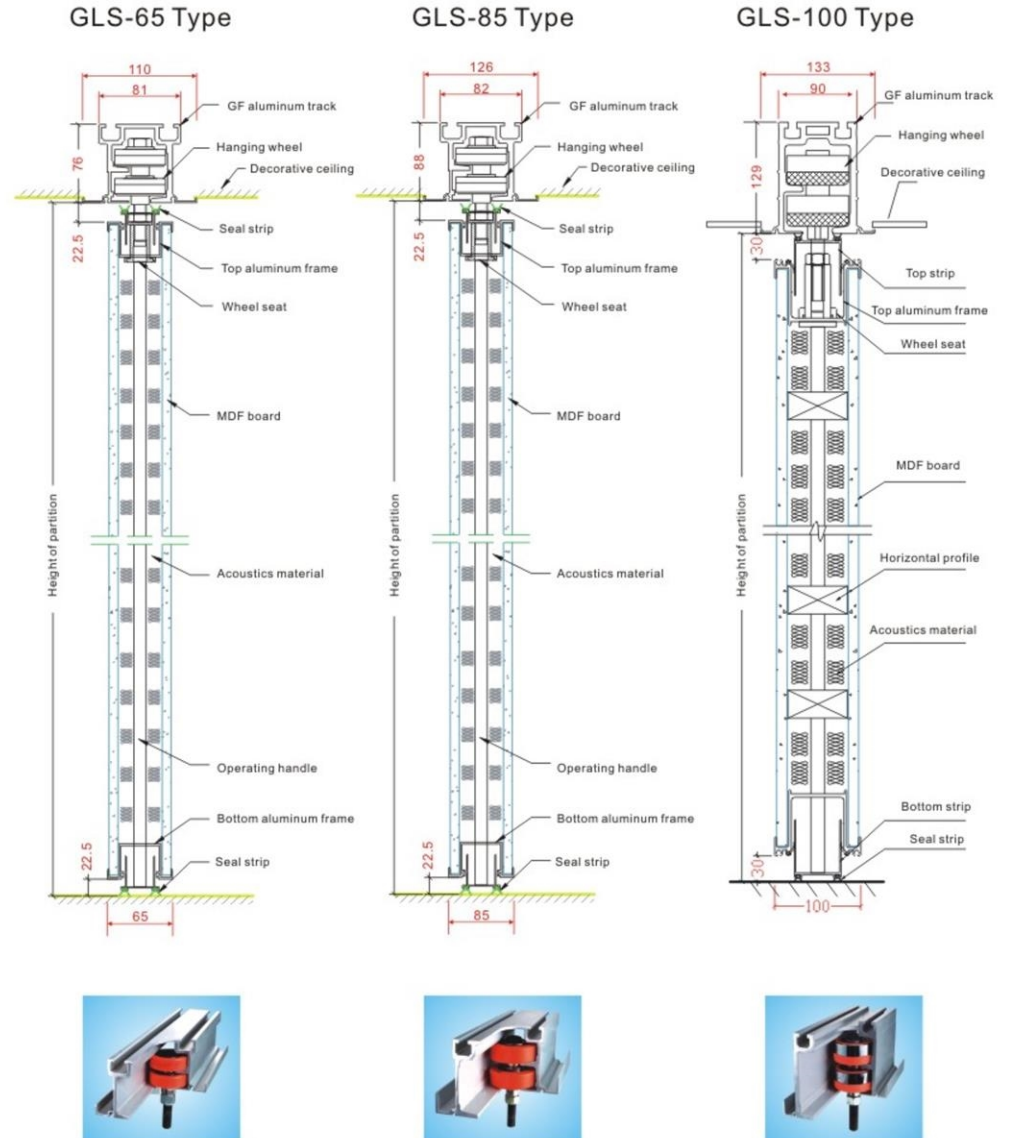
Folding screen(Can straighten)real picture



Screen function:

1. According to the needs of different space use, flexible separation and combination, to create different forms of office environment, greatly improve the space utilization rate.
2. Play a role of separation, beautification, wind, coordination.
3. Applicable to restaurants, hotels, conference rooms, multi-purpose halls, exhibition halls, schools, hotels, government agencies, offices, etc.

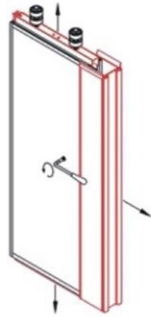
### Sectional view of movable partition



○ Retractable mechanism, rotating square steel(Partial product use):

By using the interlocking mechanism of the telescopic panel, by rotating the telescopic hole on the telescopic panel, it is possible to simultaneously control the up and down beading of the telescopic panel and the telescopic aluminum plate to start together, without secondary action, which is very convenient.

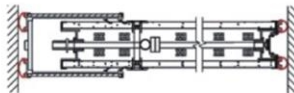
Telescopic panel schematic diagram



Telescopic panel real picture

○ Sealing treatment with wall system

An up and down sealing bead that can be automatically unfolded with the extension of the telescopic aluminum plate is added between the two telescopic aluminum plates. As long as the telescopic aluminum plate is extended, the upper and lower and left and right sealing effects can be achieved.

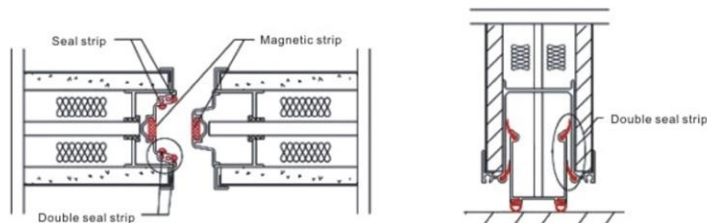


Self-contained rubber strip and wall contact.

The advantage of this form is that it does not require the installation of a frame to impair the designer's design of the wall, suitable for any occasion. The disadvantage is that the rubber strip is easily damaged by frequent friction.

○ Partition panel sealing treatment system

Every panel will have aluminum female and aluminum male frames for each sides. The can be combined together with the profile in multi contact seal strip and magnetic strip. The best results are achieved by this system of the two movable partition panels.



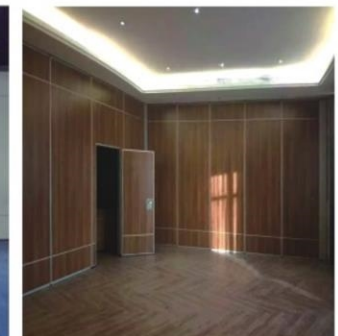
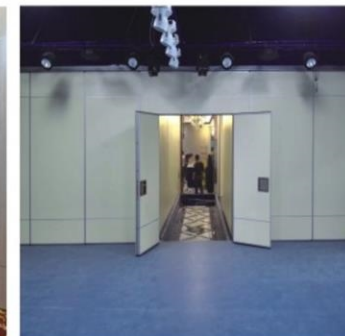
Multi-layered seal for better sound insulation performance

○ Auto sealing door system

Through the special transmission mechanism, the down sealing strip of the door can be automatically retracted or extended with the opening or closing of the door, realizing the automatic sealing function and enhancing the sound insulation effect.

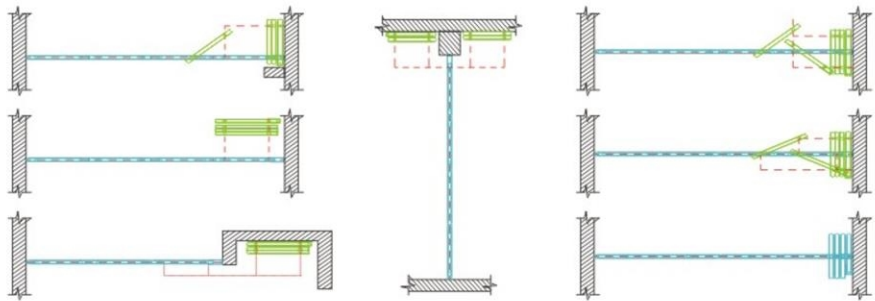


All stainless steel plate Suitable for all kinds of door





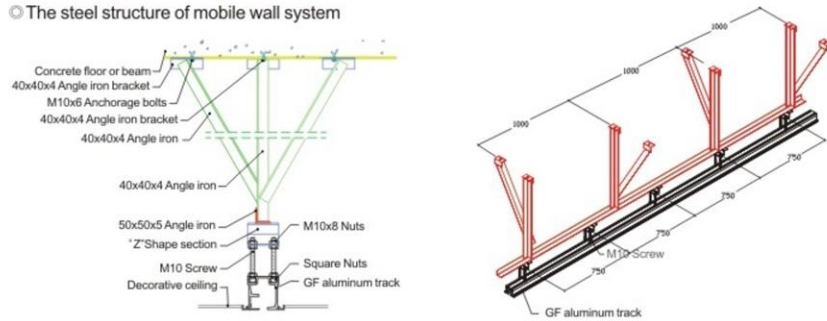
○ Movable partition collection options



Collection/installation

Collecting partition flexibly. It can be combined with the actual site and a more reasonable flexible planning space. Cleverly controlling the screen track, the screen can be collected in an orderly manner in the board room.

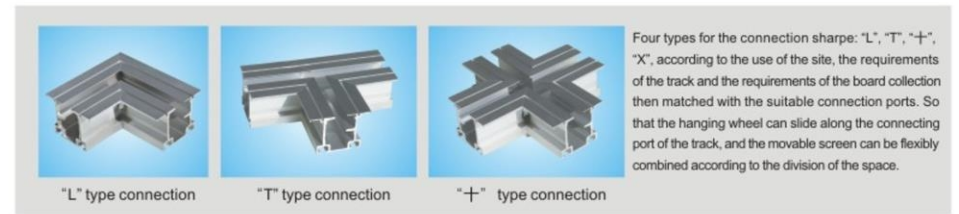
○ The steel structure of mobile wall system



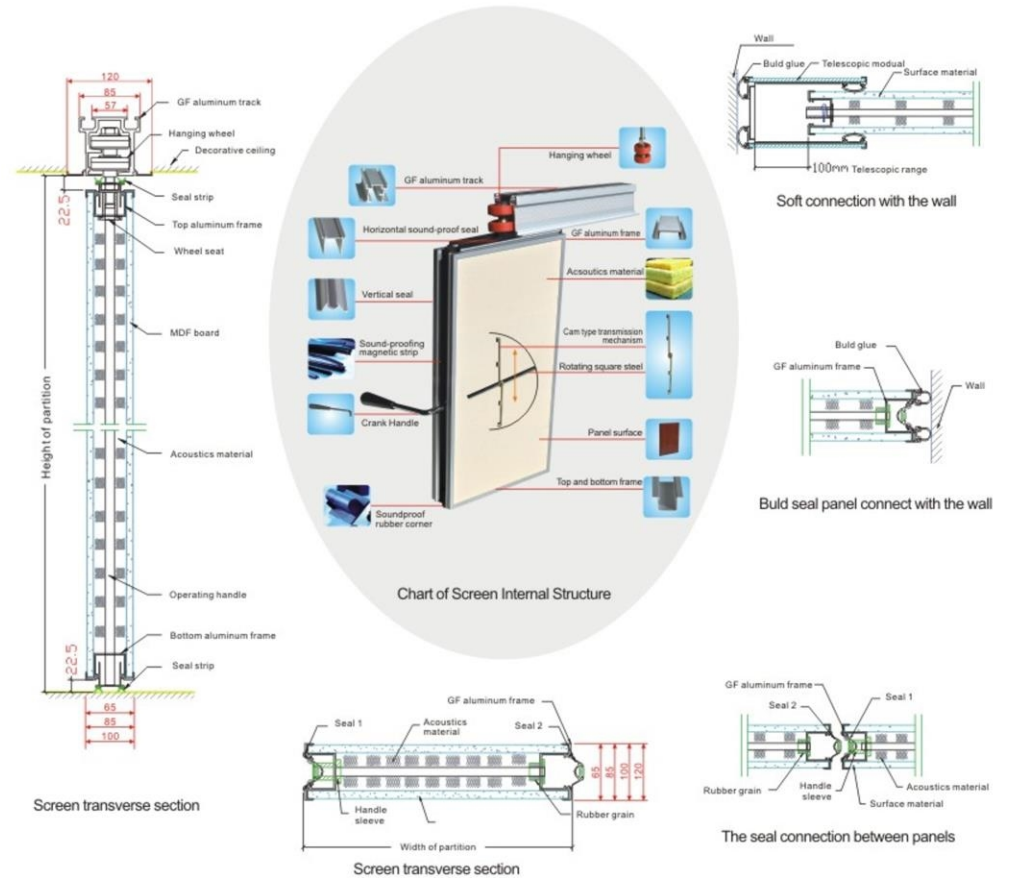
Screen installation diagram



○ Track connection port description



○ Screen structure



◎ Accessories material specification



**Hanging wheel**

The material of the roller shell is made of imported material POM, 6304-2RS for the bearing, the screw material is made of 45-modulation steel, and the heat treatment is performed. The wire size is M16. The function for it is to hang the screen, which can be rotated at any angle with the track in the horizontal plane, and can smoothly pass through the connection port "L", "T", "X" of the track.

**Hanging wheel seat**

The material for hanging wheel seat is Q235 steel, the surface is sprayed with hot-melt plastic powder as anti-rust treatment, sparyed thickness more than 50µm. The wheel seat is the module for connecting wheels with screens.



**Acscoutics material**

The main material to fill-up the screen inside, it is made of PAR sound absorbing glass fiber, environmentally friendly product, with fire resistant, thermal resistance and noise reduction coefficient are in line with US ASTM standards.

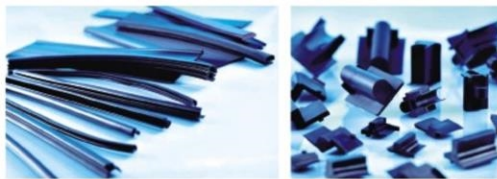


Double wheels track with the specially equipped wheel

Single wheel track with the specially equipped wheel



All the hardware parts are made of high-quality steel, the surface is plated, and the materials and production process are all in compliance with relevant standards.



**Magnetic seal strip**

The material is ferrite plastic magnetic, single-sided magnetic, the surface magnetic field is 450GS, and the two screens are automatically absorbed when they are joined, which makes the sound insulation effect more remarkable.

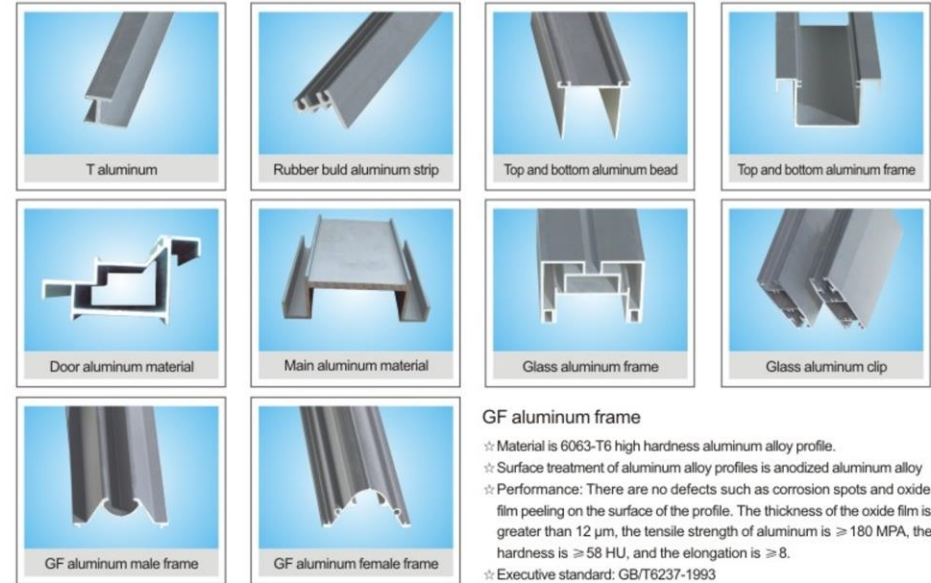
**Seal strip**

Material is PVC+Polyvinyl chloride, executive standard: GB/T629-92, GB/T3512-2002 With performance: tensile strength of 8.15MPA, sauer A hardness of 65+3MPA, tear strength of 30KN/M, from the sound sealing, sealing, and wall buffer contact.

**Cam type transmission mechanism**

The materials are No.45 steel and spring steel, pressure spring type, telescopic sealing screen and ground clearance.

◎ Accessories material specification



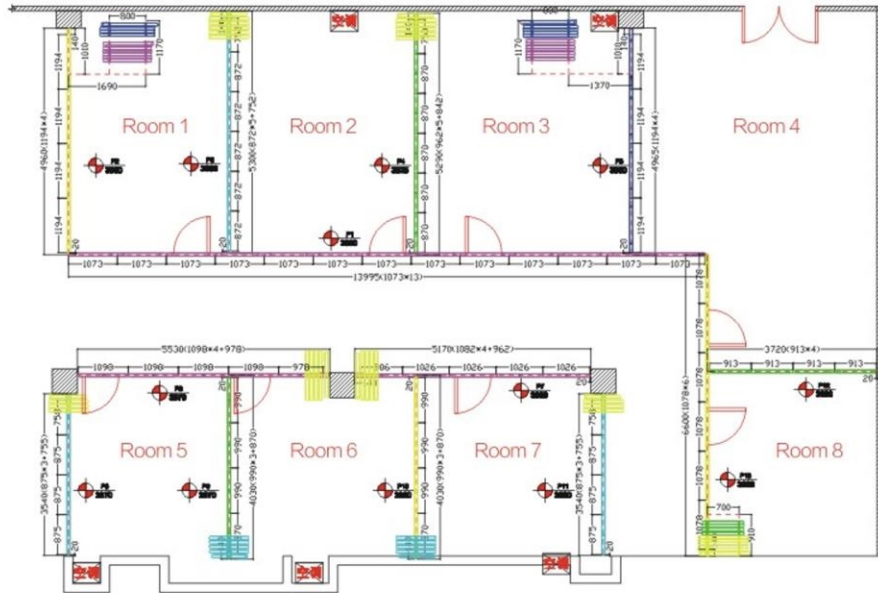
**GF aluminum frame**

- ☆ Material is 6063-T6 high hardness aluminum alloy profile.
- ☆ Surface treatment of aluminum alloy profiles is anodized aluminum alloy
- ☆ Performance: There are no defects such as corrosion spots and oxide film peeling on the surface of the profile. The thickness of the oxide film is greater than 12 µm, the tensile strength of aluminum is ≥ 180 MPA, the hardness is ≥ 58 HU, and the elongation is ≥ 8.
- ☆ Executive standard: GB/T6237-1993

**Partition parts more specification:**

- ☆ GF aluminum track: Material is 6063-T6 anodized aluminum alloy, not easy to deform, falt with decoration ceiling and used to hold the screen.
  - Load capacity limit:
    - GLS-65 - 225 KG/m. Each plate has a push-pull force of 15 N;
    - GLS-80 - 475 KG/m. Each plate has a push-pull force of 25 N;
    - GLS-100 - 750 KG/m. Each plate has a push-pull force of 32 N;
    - GLS-H - 1250 KG/m. Each plate has a push-pull force of 40 N;
  - ☆ Double horizontal hanging wheel: The roller material is PA (nylon) and the bearing is 6304-2RS. The screw material is made of 45-modulation steel, and the heat treatment is performed. The wire size is M16. The function for it is to hang the screen, which can be rotated at any angle with the track in the horizontal plane, and can smoothly pass through the connection port "L", "T", "X" of the track.
  - ☆ Wheel seat: The material for hanging wheel seat is A3 steel. It is the module for connecting wheels with screens.
  - ☆ Top and bottom aluminum bead: Sealed screen and floor, screen and ceiling, soundproof and fixed screen.
  - ☆ Seal: Made of anodized aluminum. The new design uses W-type and M-type double-layer sealing frames for better sealing performance, better appearance and better sound insulation.
  - ☆ Seal strip: Material is PVC+Polyvinyl chloride, tensile strength of 8.15MPA, sauer A hardness of 65+3MPA, tear strength of 30KN/M, from the sound sealing, sealing, and wall buffer contact.
  - ☆ Cam type transmission mechanism: The materials are No.45 steel and spring steel, pressure spring type, telescopic sealing screen and ground clearance.
- 1. The properties of the anodized aluminum used are as follows: no corrosion spots, electric burns, black spots, oxide film peeling and other defects on the surface of the profile, oxide film thickness 12µm, tensile strength ≥ 157MPA, hardness ≥ 58HU, elongation ≥ 8%, other The performance is in line with GB/T5237-1993.
- 2. Medium Density Fiberboard: Baseboard, material is PACO, density 760kg/m3, moisture content 6.3%, static bending strength ≥ 123MPA, elastic abrasive ≥ 2700MPA, water absorption thickness expansion rate ≥ 15%, formaldehyde emission ≥ The mg/100g is 34, which all conform to GB/T11718-1999.
- 3. Magnesium-magnesium board: The inspection results of the sample tested are in compliance with the requirements of Class A decoration materials specified in GB6566-2001 "Limits for Radionuclide Limits of Building Materials". It can be used for substrate (low board) because it can be protected from moisture, gun nails, impact resistance and fire resistance.
- 4. Sound insulation cotton: PAR sound absorbing glass fiber, waterproof performance, thermal resistance value and noise reduction coefficient are in line with American ASTM standards.
- 5. Melamine board: 2.44m long and 1.22m wide, with good water resistance, smooth surface, easy to clean, can be used directly as a veneer. Materials such as nuclear walnut, white oak, Sapele and other materials and colors are available for customers to choose.

### Floor Plan for Project in USA:



### Stable Glass Partition. Type 80, 90, 100



| Melamine Board ( Paint free board ) |



| Melamine Board ( Paint free board ) |



| Fabric/Leather Hard Material |



| Fabric/Leather Soft Material |



| Special Customized |



| Frameless/Full Frame Glass type |

