

**15** + Years'  
MOVABLE PARTITION

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**Sound Proof Partition Walls Create Flexible Space**

**Movable Partition Real Manufacturer Based in China**



## COMPANY PROFILE



## About Us

Guangdong Bunge Building Material Industrial Co., Ltd specializes in Movable Partition Wall Manufacturing since 2011. Rapid Response, 24/7 Available, Fast Delivery, Nice Quality Control, Good After-sales Services, all make Bunge Partition a trustworthy business partner and easy to work with! You won't be disappointed to work with us!

Ebunge movable partition is hanging system, only with top-hung track but without floor track, can be operated easily. The major function is to make the space more flexible..Together with soundproof feature, our operable walls are widely used in hotel banquet hall, upscale restaurant, conference room, exhibition center, schools, office building and hospitals, etc.



As a professional manufacturer, we offer One-Stop solution from design, production, delivery, installation to after-sales. Bunge team is always here to support.

Bunge Movable Partition Wall Products:  
1. Standard Series: BG65, BG85, BG100  
2. Ultra-high Series: BG100, BG125SH  
3. Glass Series: BG36 Glass Clips, BG65 & BG85 Single Layer Glass, BG65 & BG85 Double Layer Glass.

## HOTEL BANQUET HALL PARTITION





## MOVABLE PARTITION SERIES BG65 | BG85



### Design

The operable wall is customized according to client's requirements, different surface finishes like Melamine, Fabric, PU-Leather, Glass, Writing board, Mirror can be chosen. Panels can be made in 65mm, 85mm and 100mm thickness, depending on acoustic rating needs(32db-55db).

Acoustic insulation up to 55db is achieved with a combination of operable top and bottom seals and high acoustic materials inside. The vertical channels of each panel incorporate polymer inserts that facilitate an acoustic seal when the panels are set out as a wall.



## MOVABLE WALL SERIES BG85 | BG100



### Key features & Benefits

Our partition wall system is with overhead ceiling track only, no floor track, thus quite easy to operate. Telescopic panel adjusts the space and make the panels connected to the wall closely. The track and carrier system provide space flexibility and allow panels stacked in various ways.

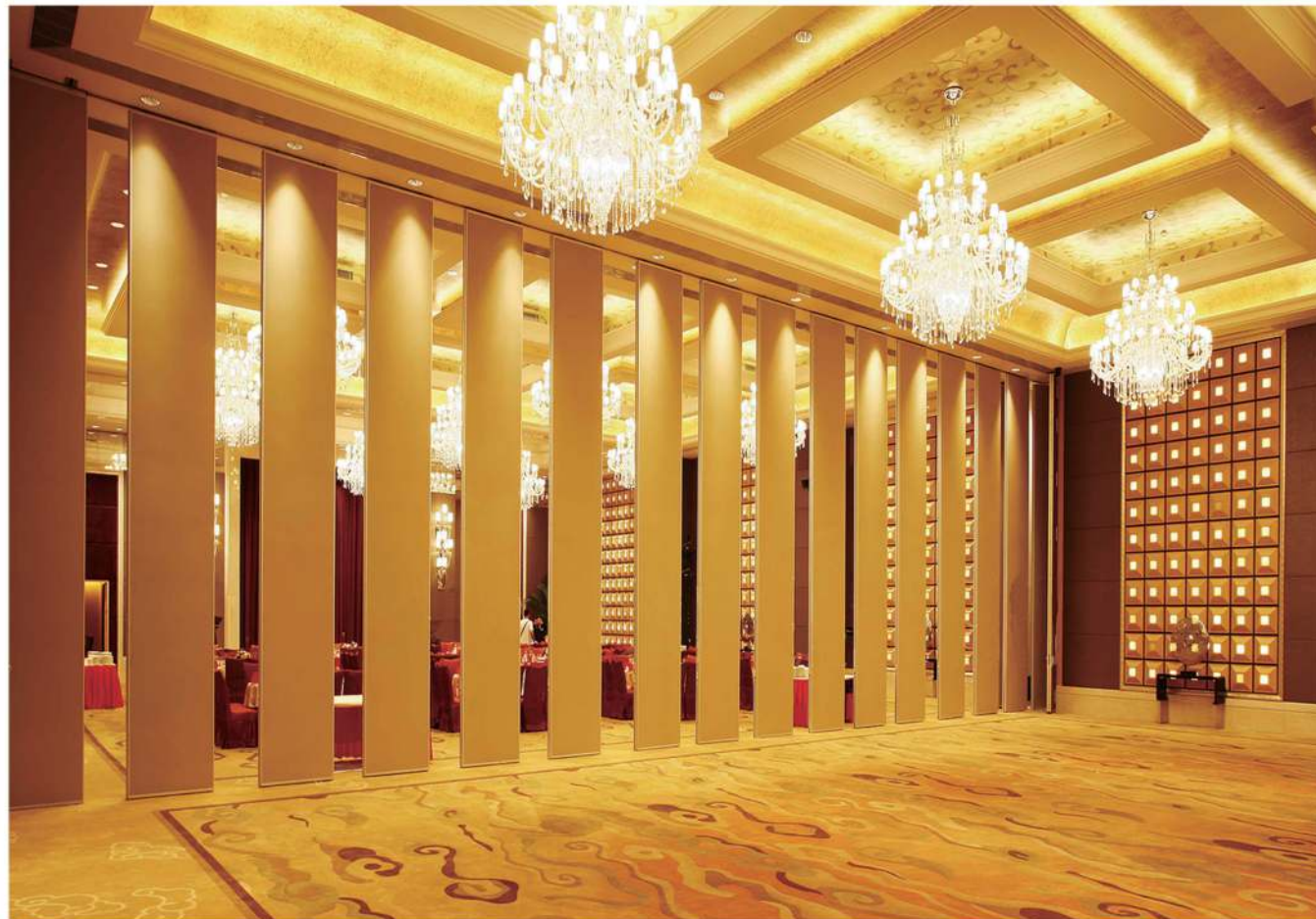
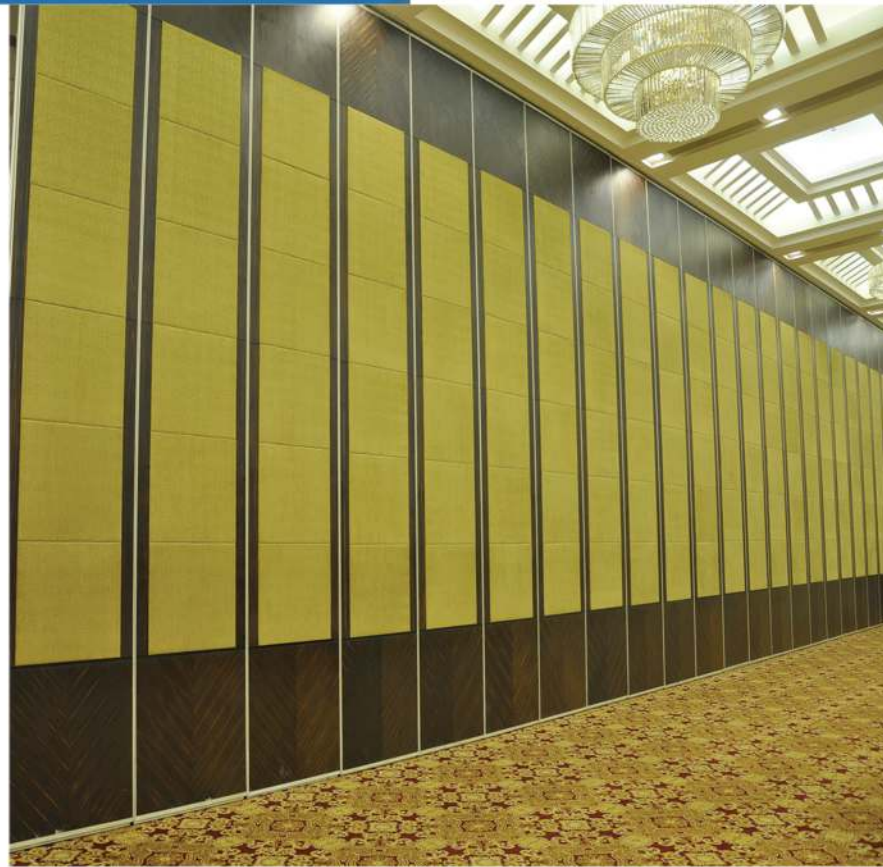
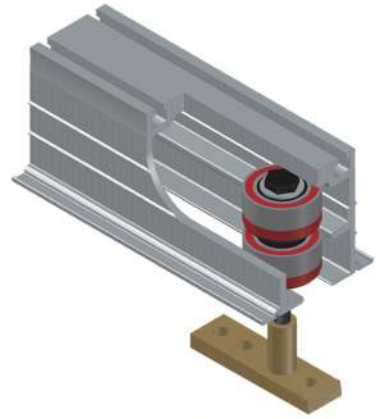




## OPERABLE PARTITION SERIES BG100

### Key Features & Benefits

- ◆ Partition thickness: 100mm
- ◆ Aluminum frame # 6063-T5
- ◆ Height can reach 16m
- ◆ Sound insulation up to 55db
- ◆ Adjustable range of telescopic panel::150mm
- ◆ Used in large ballroom, hotel, exhibition center, gym, etc.
- ◆ Customized available.



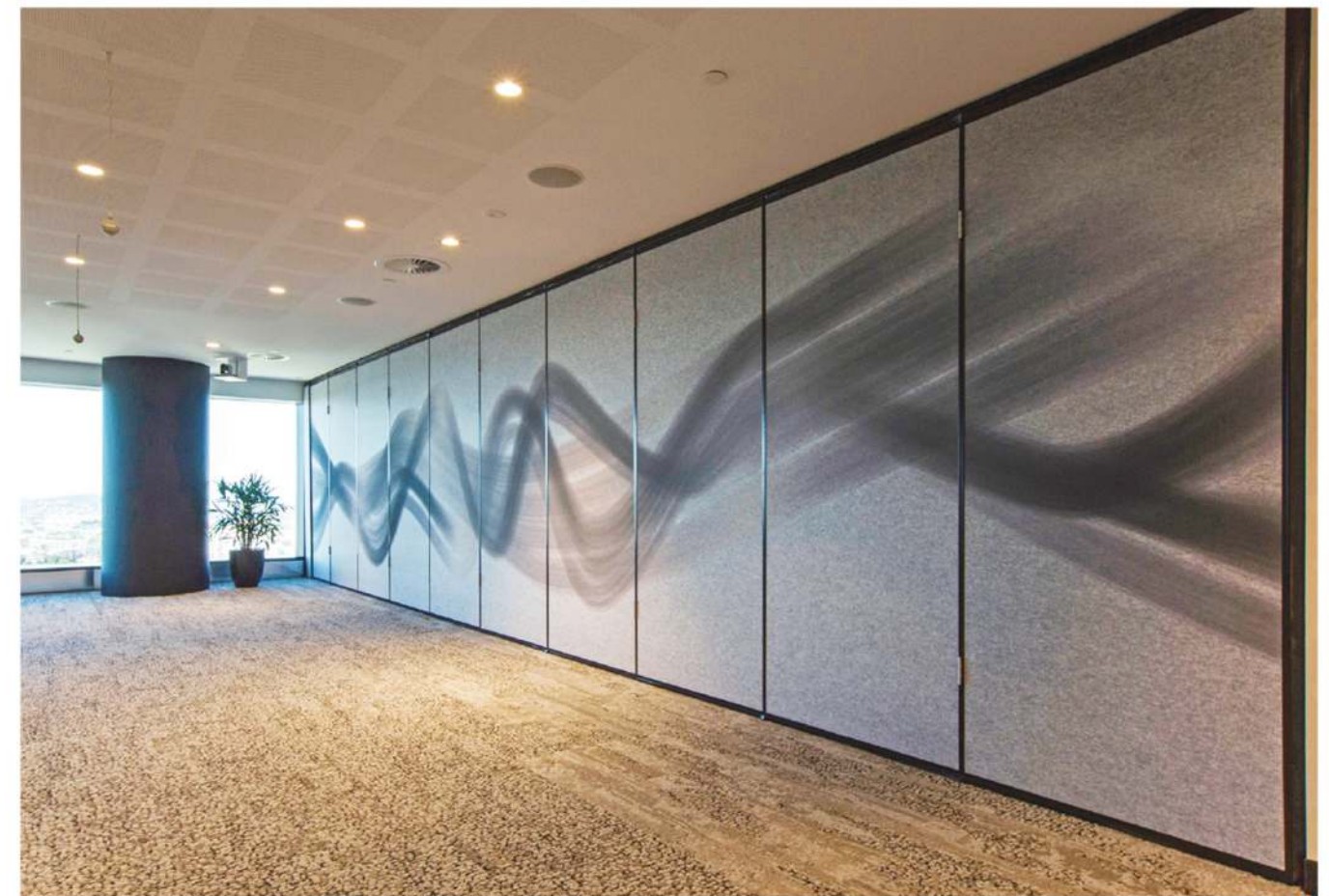
## OPERABLE WALL SERIES BG85 | BG100



The effective division of space some times requires utmost flexibility. Whether the requirement is to divide a teaching area, temporarily partition a conference suite, or simply create extra rooms out of one large space, the answer is movable walls. Movable walls, operable walls, sliding folding partition walls.

Alongside Bunge operable walls, the products also include, hinged partitions and concertina olding partitions along with a range of glass movable walls and industrial doors.

Bunge provides unrivalled experience in the design and manufacture of space utilisation products.





## ULTRA HIGH MOVABLE WALL

- ◆ Ultra-high movable partitions are applied to the space as high as 7m to 16m, with maximum noise insulation effect of 55 decibels.
- ◆ Each meter of aluminium rail can load weight 2000 kg; the bearing capacity of each pulley is more than 1600 kg; it is commonly used in large banquet halls, exhibition centers, gymnasiums, auditoriums, and other large and tall establishments.
- ◆ The hanging system is developed and produced by using high-technologies.
- ◆ The hanging wheels slide smoothly on rails without vibration.
- ◆ The 16m high partition can be easily moved even being pushed at the bottom.
- ◆ The turning split mouth adopts specially designed steel plates, with a built-in orientation device.
- ◆ When the partition passes the turning split mouth, it will make a turn automatically following the orientation device, as if it is sliding on a straight rail.



125SH hanging system



steel connector



aluminium connector



hanging roller



## BI-FOLD PARTITION WALL

### Design

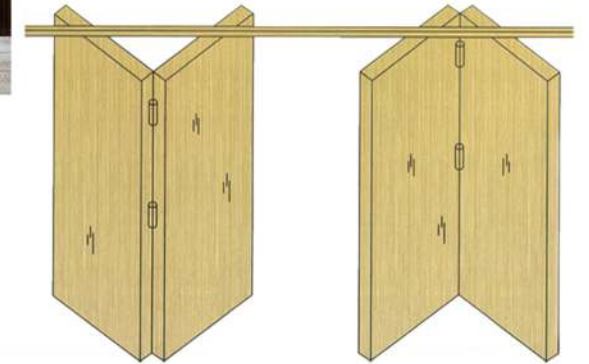
The panel is a range of folding wall systems that incorporates two panels (each up to 900mm wide) that are hinged together to give a flush appearance when closed.

Folding walls can be operated quickly and available in acoustic range from 30-49db. Sound insulation is achieved by modern manufacturing methods and the unique panel construction that consists of an aluminum frame, particleboard cladding and high acoustic materials.



### Features & Benefits

- ◆ HHinged pair panels for quick operation
- ◆ Robust aluminum frame construction for demanding environments
- ◆ Wide range of surface finishes
- ◆ Top-hung track support, no floor track





## MOVABLE GLASS PARTITION

### Designs

The partition system provides a perfect solution for storefronts, restaurants and office where transparent space is the key requirement. It comprises of tempered glass panels secured in aluminum frames around. Both soundproof and non-soundproof glass partition wall system are available for different site situations. The partition system can be movable, folding, fixed and sliding.

### Operation

- Top-hung track only, no floor track. It ensures a clear threshold, free of dirt traps and obstructions.
- Pass doors can be incorporated at virtually any point along the partition and can be either single or double acting.
- The unique locking mechanism makes it possible that there is minimal hardware used, ensuring a smooth panel appearance.

### Finishes

- Aluminum frame with tempered glass
- Top and bottom clips with tempered glass

### Glass Thickness

- Tempered safety glass 10mm or 12mm
- Tempered laminated glass 5+5mm or 5+6mm



## FRAMELESS GLASS PARTITION

### Features & Benefits

- Top hanging track system, no floor track
- Panels with top and bottom aluminum clips
- Smooth and easy operation, panels can be moved individually
- Panel's height less than 3000mm(118inches)
- Panels can be parked away from the opening
- There is transparent tape between panels so that it can improve sound insulation and offer anti-collision function
- Widely used in large offices, shopping mall, restaurant, sunlight room, etc.





## FOLDING ROOM DIVIDER SERIES BG32

### Designs

- Folding panel with aluminum frame structure, ground wheels and can be movable.
- Usually in Melamine or Fabric surface finish
- Panel thickness is 32mm, width 500-100mm the maximum height is 2400mm
- Panel can be folded in a straight or non-straight line, just like attached photos



## FOLDING WALL SERIES BG32

### Features & Benefits

- With ground wheels, simply separate space and serves as decoration wall
- Suitable to use in the space which requires no sound insulation, like restaurants, hospitals, offices and warehouse





**UPSCALE RESTAURANT PARTITION**



**EXHIBITION HALL PARTITION**



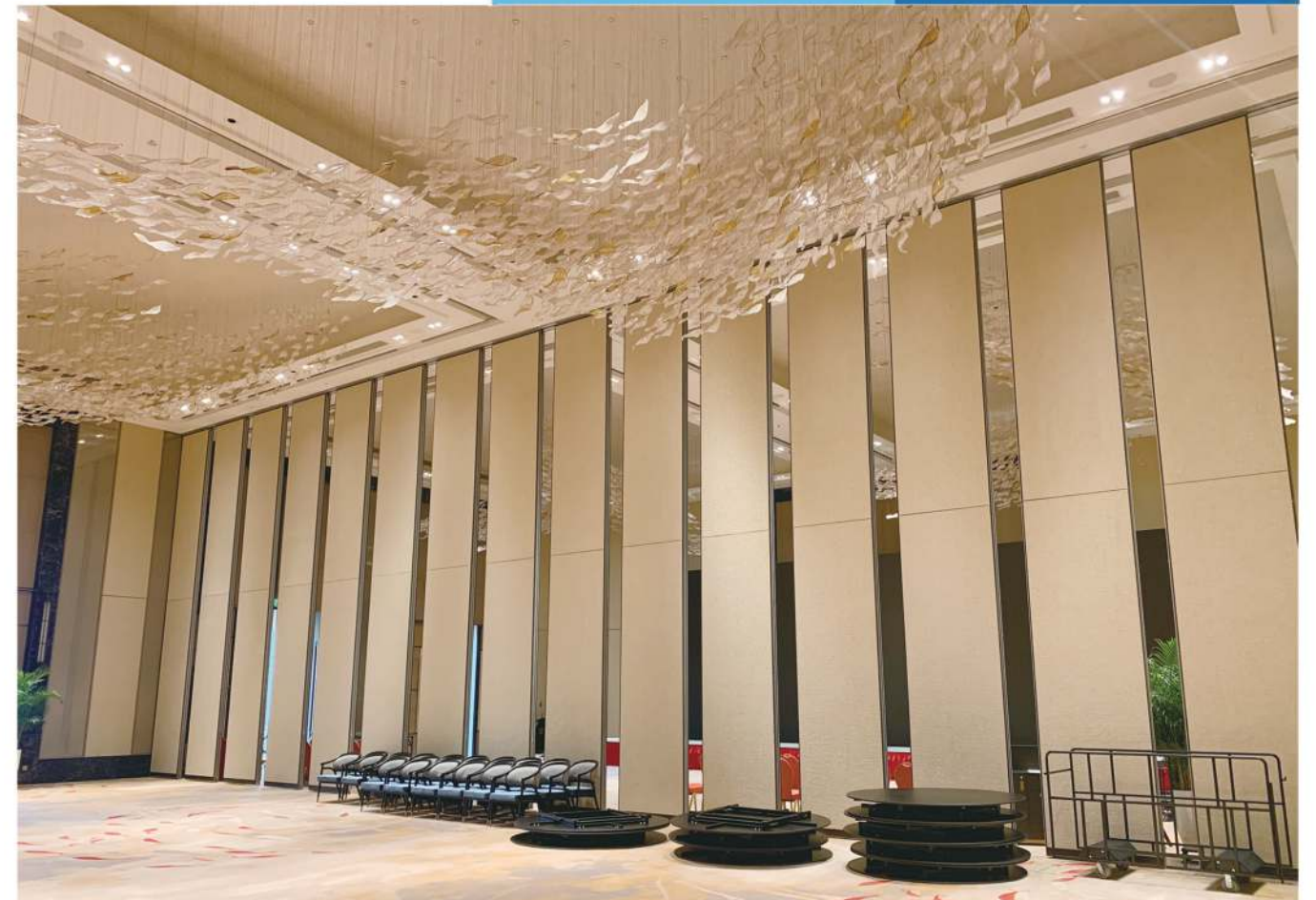


CONFERENCE CENTER PARTITION



Hotel Partitions

BANQUET HALL PARTITION





**CLASSROOM PARTITION**



**RESTAURANT ROOM PARTITION**



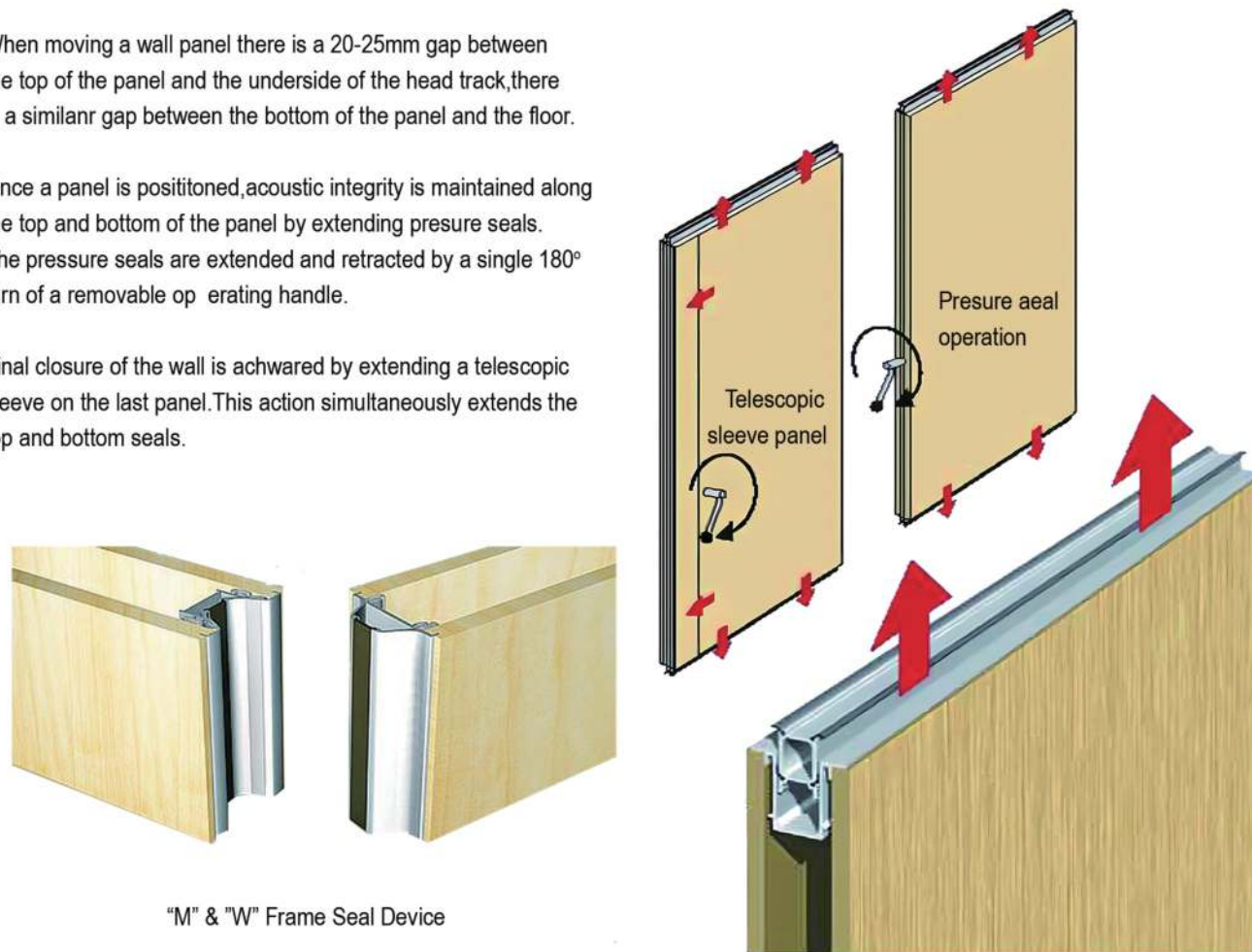


## MOVABLE WALL OPERATION

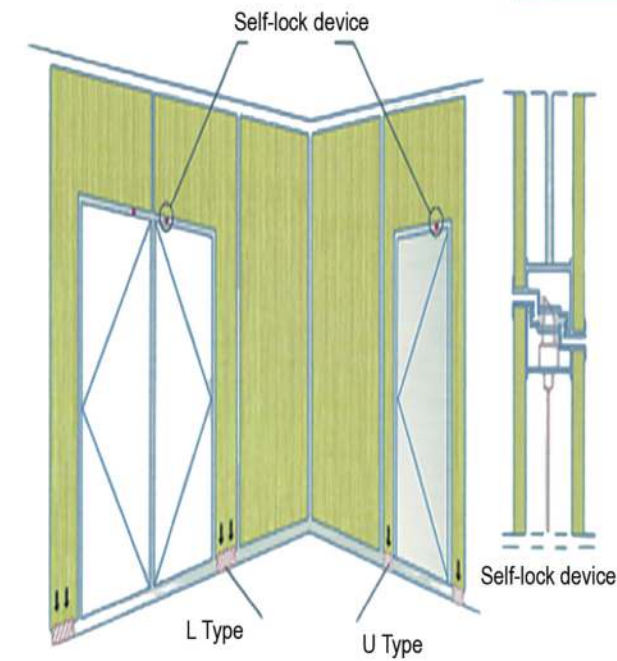
When moving a wall panel there is a 20-25mm gap between the top of the panel and the underside of the head track, there is a similar gap between the bottom of the panel and the floor.

Once a panel is positioned, acoustic integrity is maintained along the top and bottom of the panel by extending pressure seals. The pressure seals are extended and retracted by a single 180° turn of a removable operating handle.

Final closure of the wall is achieved by extending a telescopic sleeve on the last panel. This action simultaneously extends the top and bottom seals.

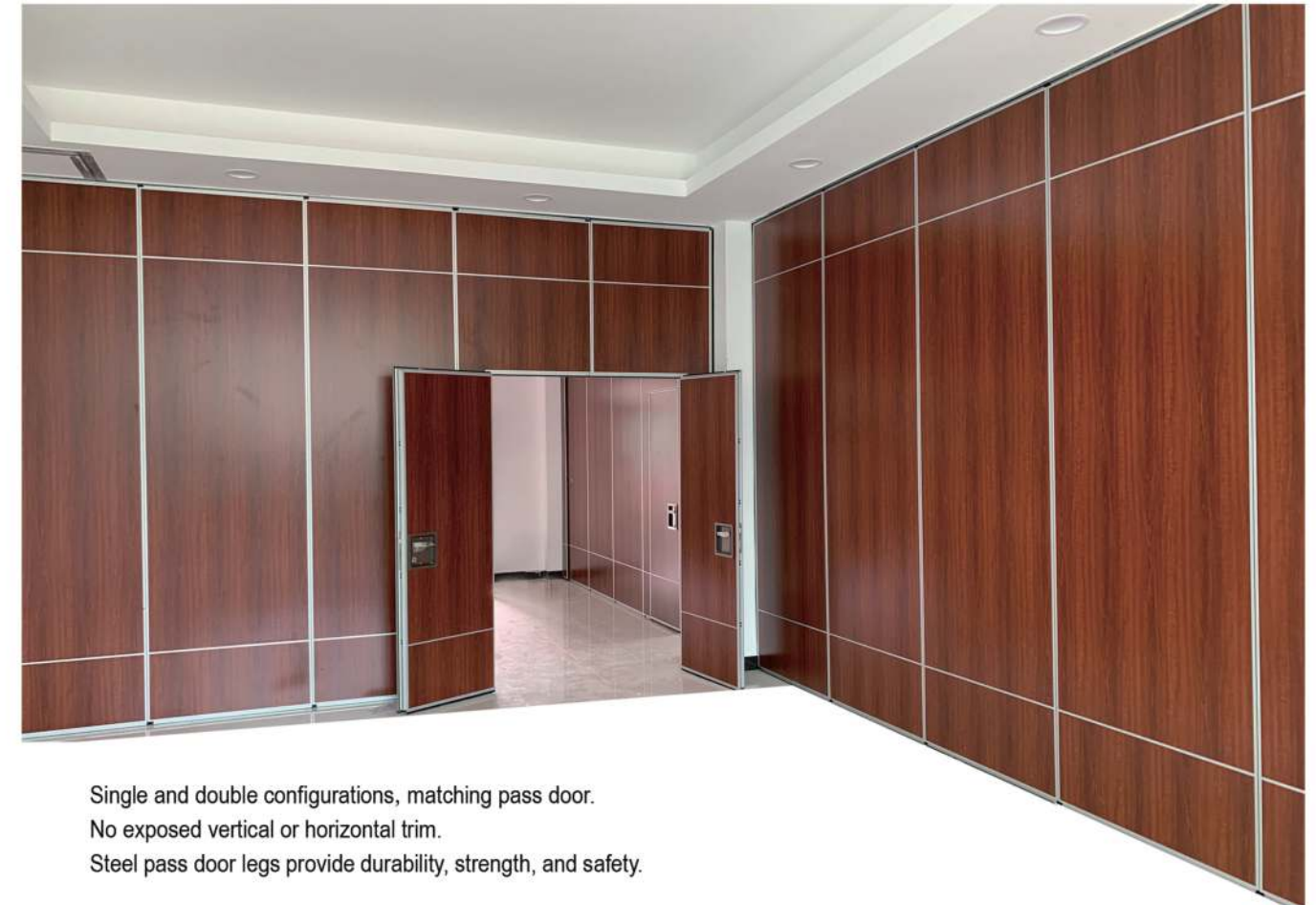


## PASS DOOR SINGLE & DOUBLE DOOR



### Pass door self-lock system

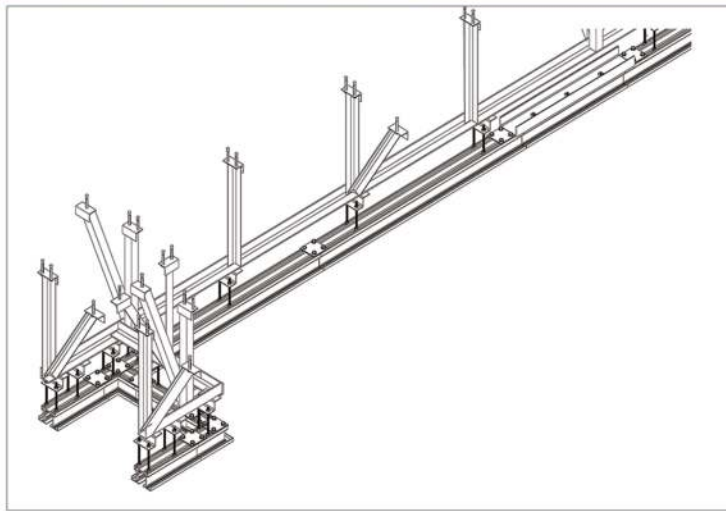
Using strong force spring press device to fix the pass door (door-in-door) instead of the fixing method with ground spike that can destroy the land



Single and double configurations, matching pass door.  
No exposed vertical or horizontal trim.  
Steel pass door legs provide durability, strength, and safety.



## PARTITION HANGING SYSTEM

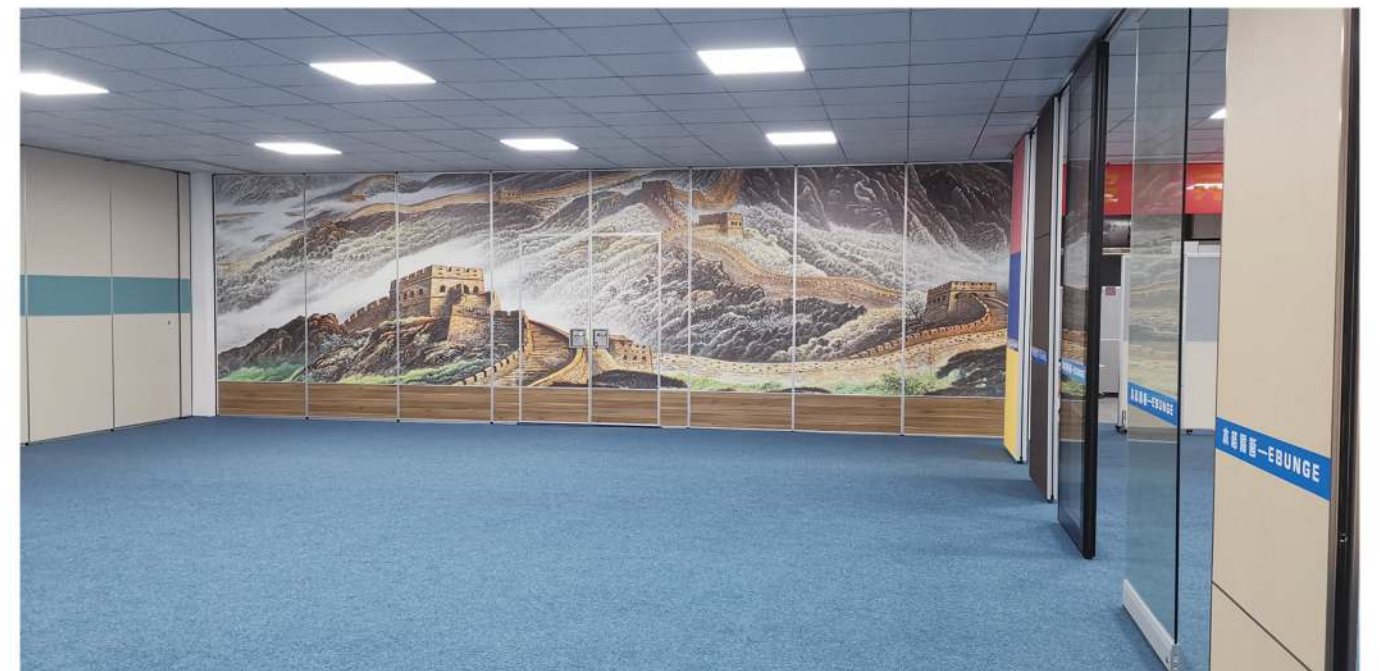


### Key Features & Benefits

- ◆ Individual panels that can be stored away for maximum space utilisation.
- ◆ Operable top and bottom seals for effortless operation.
- ◆ Isolated aluminium frame construction for enhanced acoustics.
- ◆ No floor track ensuring obstruction free threshold.
- ◆ Three panel sizes to accommodate a wide range of acoustic requirements.
- ◆ Extensive range of surface finishes can be applied.



## MOVABLE PARTITION SURFACES





## TECHNICAL INFORMATION

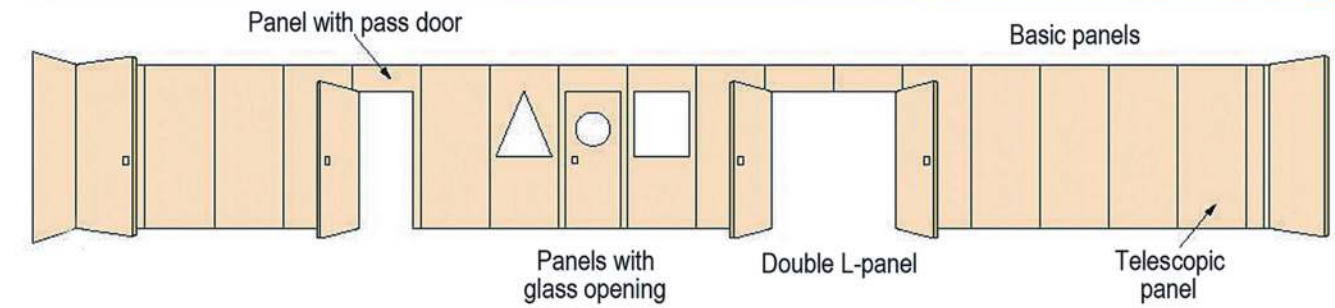
### Bunge Movable Partition Wall Systems-Technical Information

Series	BG65	BG85	BG100	Ultra-high System
Panel suspension	Hanging System, with ceiling track, no floor track, single or double rollers			
Panel thickness	65mm	85mm	100mm	100mm
Max height	Max 4200 mm	Max 6000 mm	Max 7000 mm	Max 16000 mm
Panel width	600-1230mm			
Frame construction	Aluminum frame			
Base Board Thickness	9mm	9mm	12mm	12mm
Floor/ceiling Sealing	Telescopic expansion aluminum tube with rubber strip			
Side Walls Sealing	Double seal tape			
Pass doors	Single or Double pass through door available			
Vertical profiles	Aluminum sealing profiles			
Retractable seals	Rubber seals			
Operation	Manual operable with operating handle			
Sound insulation	20 – 28 DB	28 – 38 DB	38 -50 DB	38 -55 DB
Weight (kg/m <sup>2</sup> )	Approx. 22-35	Approx. 25-40	Approx. 30-48	Approx. 38-68
Surface Finish	<ul style="list-style-type: none"> <li>Wooden (MDF, Plywood bare raw finish) (Melamine, Veneer)</li> <li>Fabric (Fabric with MDF board hard covers) (Fabric with sponge soft covers)</li> <li>Leather (Leather with MDF hard covers) (Leather with sponge soft covers)</li> <li>Wallpaper, Vinyl, Fireproof board</li> <li>Acoustic panels</li> </ul>			

### Bunge Glass Partition Systems-Technical Information

Series	Glazing Glass Partition	Framed Glass Partition	Soundproof Glass Partition
Panel suspension	Hanging System, with ceiling track, no floor track		
Track system	Single or double rollers		
Panel thickness	36mm	65 / 85mm	65 / 85mm
Glass thickness	12mm single glass	10mm / 12mm single glass	Single 10mm glass Double 8mm glass
Max height	3000mm	5000mm	5000mm
Panel width	800-1100mm	800-1100mm	800-1100mm
Frame construction	Top & bottom aluminum	Aluminum frame	Aluminum frame
Vertical profiles	n/a	n/a	Aluminum sealing profiles
Retractable seals	n/a	n/a	Rubber seals
Operation of seals	n/a	n/a	Manual operable
Pass doors	Fixed full height door	Fixed full height door	Fixed full height door
Weight	Approx 30 kg/m <sup>2</sup>	Approx. 32 kg/m <sup>2</sup>	Approx. 30 - 45 kg/m <sup>2</sup>

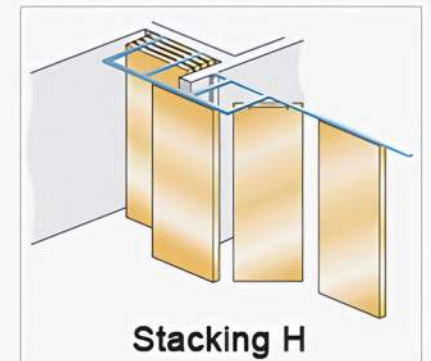
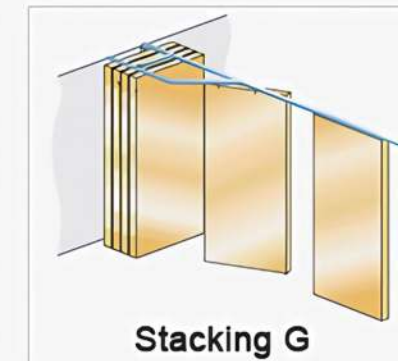
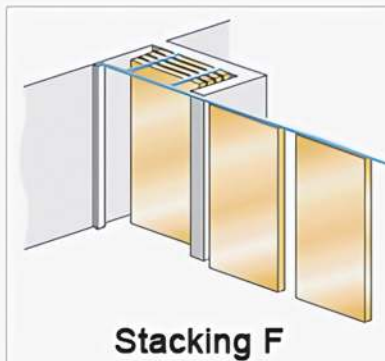
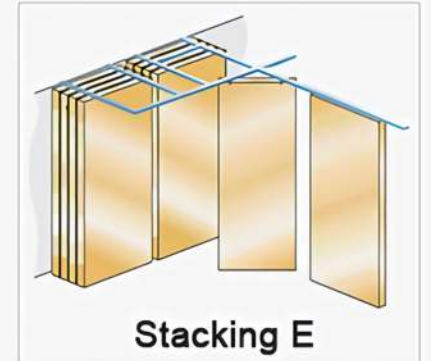
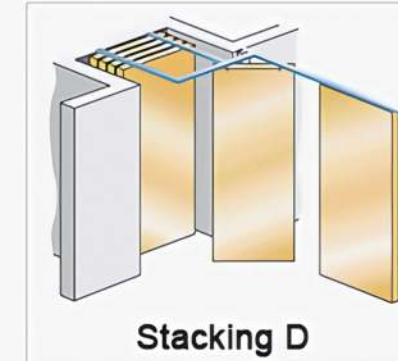
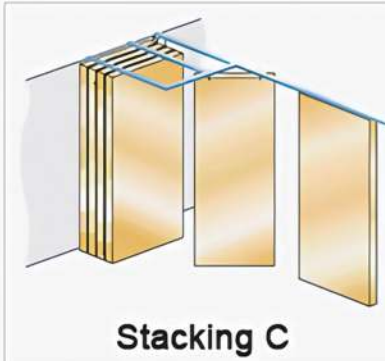
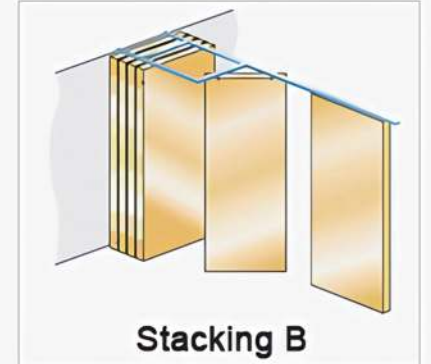
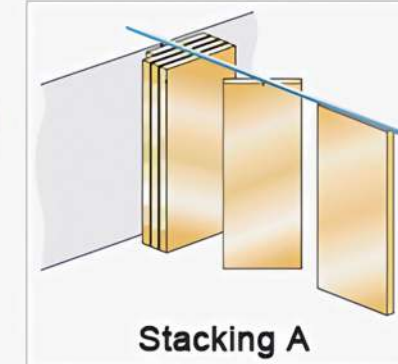
## PARTITION PANELS STACKING



### Panel Stacking Options

## Stacking Style

All The Stacking Style Are Available





## ALUMINUM MATERIALS



Straight Guide Track



Series65 Track



Series85 Track



Series100 Track



"W" Alumiseal



"M" Alumiseal



Aluminum Frame



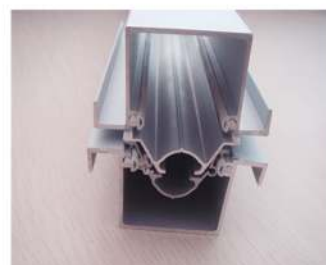
Shaped Aluminum



Top and Bottom Aluminum



Depression bar



Combination



Telescopic Aluminum



Aluminum Strip



Pass Door Frame



Aluminum Glazing



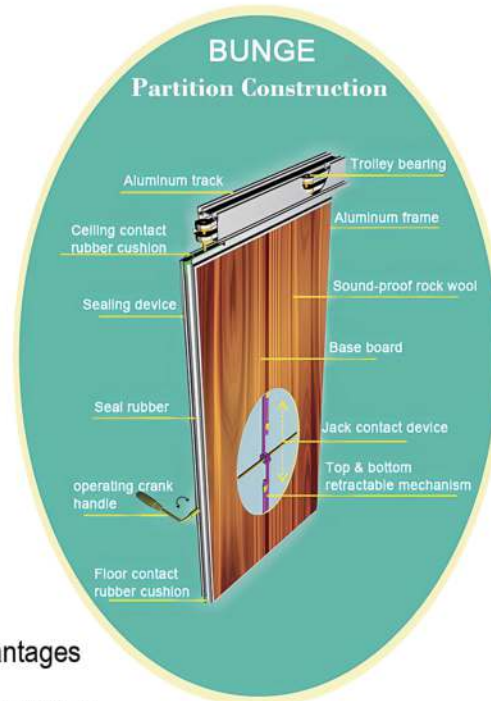
Aluminum Glass Clip

## MOVABLE PARTITION ACCESSORIES





## MOVABLE PARTITIONS ACCESSORIES



### Bunge Movable Partition Wall Advantages

1. Bunge latest roller POM materials to meet its best wearing resistant, the high carbon chromium bearing steel has reach to a strength 10.9 grade.
2. Bunge's vertical crank handle shaft made by 304 stainless steel LCP panel crank handle shaft cup and operable handle.
3. Bunge double corrosion-resistant aluminum track systems are easy to install and easier to maintain. Extruding enable each section to have a uniform for superior end-to-end alignment. Each capacity-certified track is of extrude architectural grade clear anodized 6063-T5 aluminum.
4. The safety and stability of movable partition are effected by what kind of keel materials used inside in structure. Bunge use both the 6063-T5 aluminum keels and wood keels, keeps every two keels at a distance max no more than 600mm.
5. To seal the corner, Bunge gets its own design about specially developed conically shaped corner pieces that fit closely together. They ensure excellent soundproofing and stability.
6. Bunge's sweep seal are less expensive alternative to retract top seals. Sweep seal are multi-fingered vinyl seals that close the gap between the top of the panel and tracks. It really is an effective sound barrier for most applicant.
7. Bunge's vinyl seals are made of Nitrile Butadiene Rubber(NBR),durable and perfect for sound installation, and long time wearing.
8. ASTM international is an organize establish standards for testing and application in many areas including acoustics. Bunge designs and builds their acoustic operable partition systems including tracks, rollers, panels and doors according to the common ASTM standards of acoustic.

## MOVABLE PARTITION COLOR CHART



MELAMINE



MELAMINE



FABRIC



LEATHER





