

## FOLDING PARTITION & MOVEABLE WALL



# Acoustic Folding Partition

High-quality Acoustic Partition Panels - the perfect solution to enhance the acoustics and aesthetics of any space. Crafted from premium materials, Acoustic Partition Panels are durable, long-lasting, and easy to install.

We offer a wide range of customizable options to complement any interior design style, ensuring a seamless integration into your space. With a variety of finishes and colors available, you can create a unique and visually appealing environment while improving its acoustic performance significantly.

## ACOUSTIC EXCELLENCE:

Acoustic Partition Panels are meticulously designed to provide exceptional sound insulation, ensuring privacy and blocking any unwanted noise pollution. The panels are made from high-quality acoustic materials that effectively absorb sound waves, creating a peaceful, distraction-free environment for focused work or private conversations.

STC Rating: 32DB -56 DB

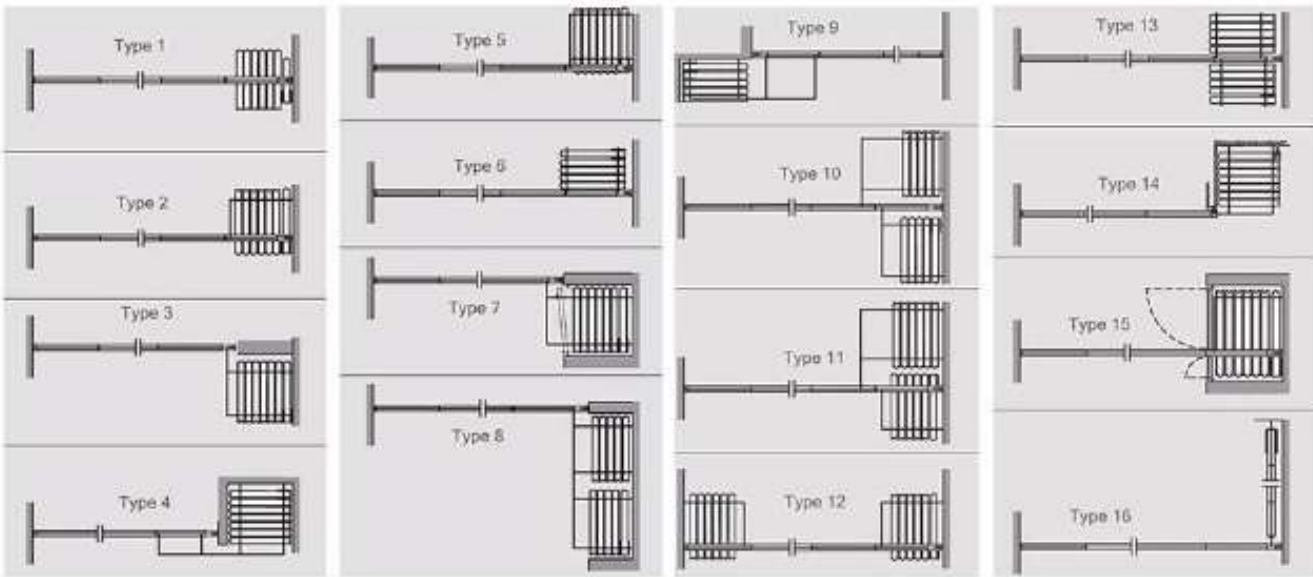
## Application:

Acoustic Partition Panels can seamlessly blend into any interior design style. Whether you prefer a sleek modern look or a more vibrant and artistic atmosphere, our panels can be customized to complement your space and enhance its visual appeal.

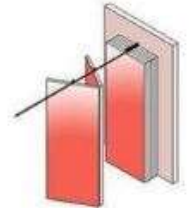
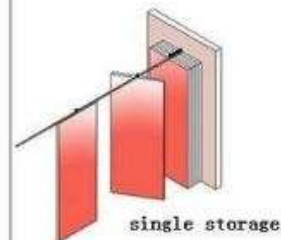
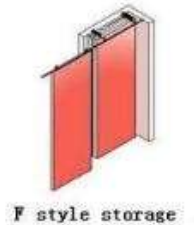
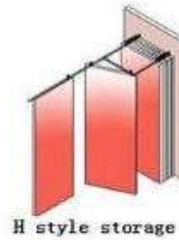
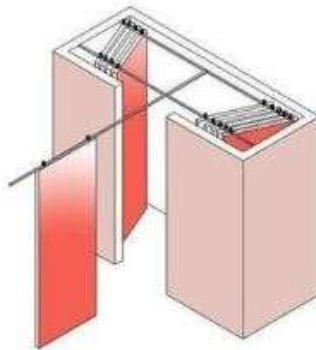
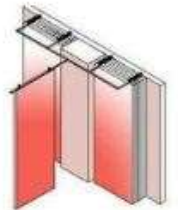
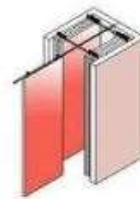
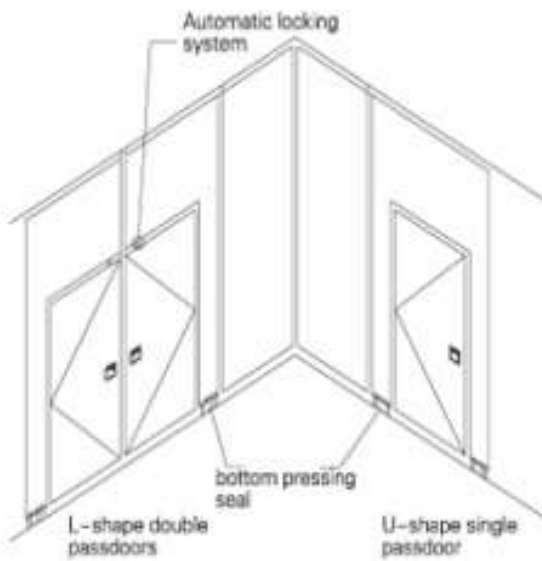
With Acoustic Partition Panels, you gain complete control over your open space, effortlessly transforming it into smaller, intimate settings or spacious, open areas as per your preference. Whether it's a conference room, classroom, office space, or any other interior environment.



# Way of Parking:



**Type 1 is for centre stacking solution;**  
**Type 2 ,12 ,15 are for 90degree (h) stacking solution;**  
**Type 3,5 are for offset stacking solution ;**  
**Type 4 ,9,13,14 are for remote parallel stacking solution;**  
**Type 6 is for parallel stacking solution;**  
**Type 7,8,10,11 are for offset remote stacking solution;**  
**Type 16 is for inline stacking solution**



## Mode of movement:

Moveable Sliding partition wall can be slide easily by hand.



## Track & Roller:

Partition panels are specifically crafted with top-quality tracks and rollers to provide seamless movement and ultimate functionality for your acoustic needs.

## G2000 ultrahigh rail track

Features:

Curved corner joint for smoother push and pull.

The track is equipped with guiding devices for automatic steering turn with aluminum alloy edge covered.

Better with ceiling suited

high-strength steel with high load-bearing

capacity long service life and better safety

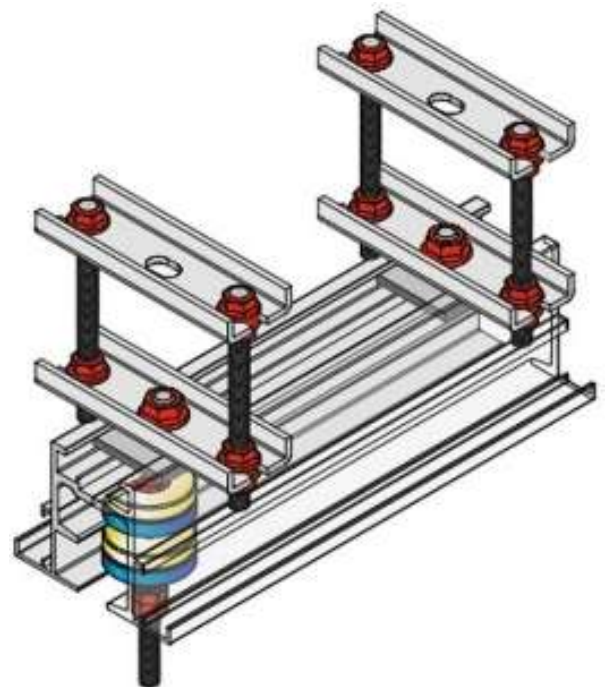
performance load capacity 2000kg/m, suitable

for partitions of 9 meters or more the highest

level is 17 meters domestically.



## Hanging with Ceiling:



# ADAPTABLE TRACK SYSTEM

MODEL	L300	L500
Picture		
Tech Drawing		
Track Material	6061-T6 aluminum	6061-T6 aluminum
Wheel Material	Dupont POM	Dupont POM
Weight	11.34kg/3m	14.42kg/3m
Load Bearing (2 Wheels/ Panel)	300kg/2pcs/panel	500kg/2pc/panel
Applicable Panel	AE55, AE65, AE85	AE55, AE65, AE85, AE100
Applicable Height	2m to 3.5m	3.5 to 5m

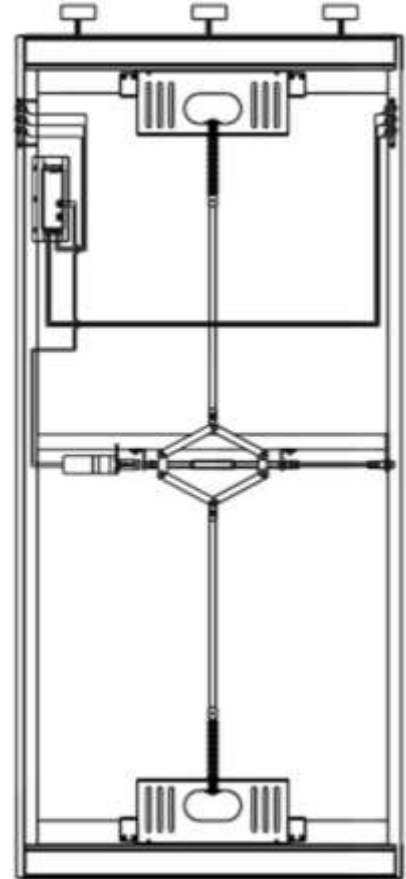
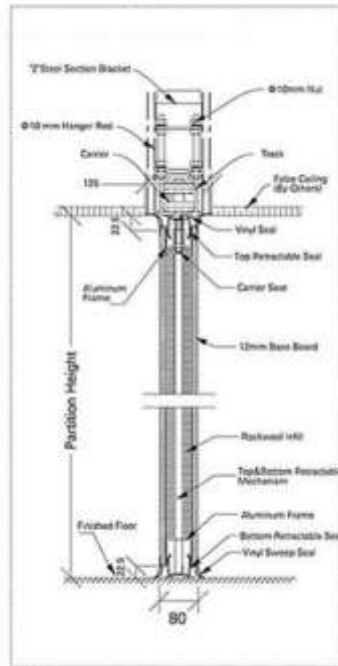
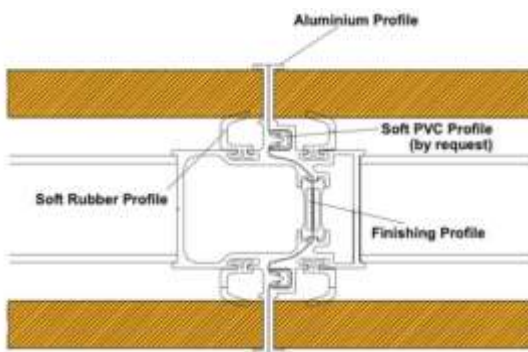
# Panel Crafting:

Acoustic panels are crafted to perfection using 6061-T6 anodized high-grade aluminum profiles, ensuring durability and longevity. We incorporate galvanized accessories that enhance the aesthetics of panels and guarantee their resistance against wear and tear. Panels with following characteristics are designed:

System Code	AE65	AE85	AE100	Glass with aluminum frame	Frameless Glass
Suspension	Single/double suspension		double suspension		
Coordinate Track System	L300, L450, L500		L500, L600, L800, L1000, G2000		
Roller	Dupont POM material		Dupont POM material/ steel roller with safety steel wire		
Track Load Bearing/2rollers/mtr	L300: 300kg L450: 450kg L500: 500kg		L500: 500kg L600: 600kg L800: 800kg L1000: 1000kg G2000: 2000kg		
Panel THK	68mm	85mm	100mm	12mm	12mm
Panel Configuration: Coating THK: Um Webster Hardness:hw	1.Fram: 6061-12um-15hw 2.Keel:1.0mm hot dp Galvanizing steel 3.Rockwool: 55kg/m3 4.Base Board THK: 9mm		1.Outer frame: 6061-12um-15hw 2.Inner frame: 3.0mm hot dip galvanizing C-shape steel+1.2mm hot dip galvanizing square steel tube 3.Rockwool: 100kg/m2 4.Board THK: 15mm		
Side seal	Concave & convex profile with 40N magnetic strip and rubber seal		Concave % convex profile with 40N magnetic strip and rubber seal		
Retractable seal	Top & bottom		Top % bottom		
Mechanism	Jack lifting of power 10KN		Jack lifting of power 10KN		
Locking	Clockwise rolling		Clockwise rolling		
Infilled material	55kg/m2 glass wool		100kg/m3 rockwool		
Base board	9mm plywood/MDF /HDF/HPL etc		15mm/18mm plywood/ MDF/ HDF/ HPL		
STC	38-45db		45db-56db		
Weight	30-47kg/m2		38-60kg/m1		
Fire retardant	Optional		Optional		
Applicable Height	2m to 4.5m	5m	7.5m	3.5m	3.5m
Passing door	Single/double leaf		Single/ double leaf		
Soundproof treatment	Steel sheet, sound dampening mat, acoustic panel etc				
Surface finish	Bare board, plywood, melamine, fabric, PU, HPL wood ect./customized				

## Body Profile:

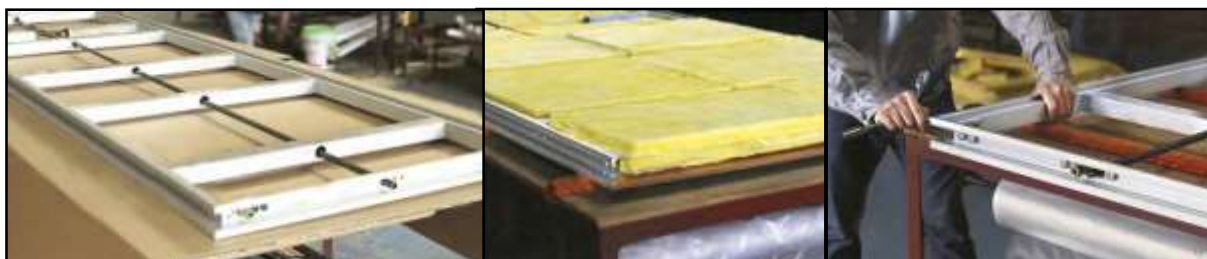
Acoustic Partition Panels also include telescopic capabilities, designed to accommodate spaces and provide enhanced flexibility. This feature allows the panels to be extended or contracted to fit varying room dimensions, catering to your unique requirements with precision and efficiency.



## Sound Insulation:

When closed the operable partition is perfectly aligned, without fissures and mechanical parts in view. MAXPARETE HSP allows a sound proofing (Rw index) from 41 to 57 dB according to the types. The materials used for the supply are tested according to UNI EN ISO 717-1 and UNI EN ISO 10140-2 standards. The test report (if demanded) is available within 30 days maximum prior to the delivery of the partitions, evidencing the conformity to the soundproofing requests and is attached to the transport documents.

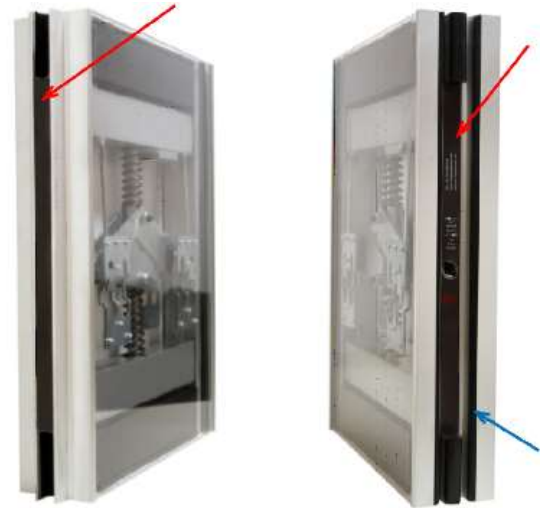
Panels are eco-friendly and made from sustainable materials that contribute to a healthier and greener environment. They are designed to meet the highest industry standards for fire safety, ensuring maximum safety for your space and peace of mind.



# Wall System Mock-up

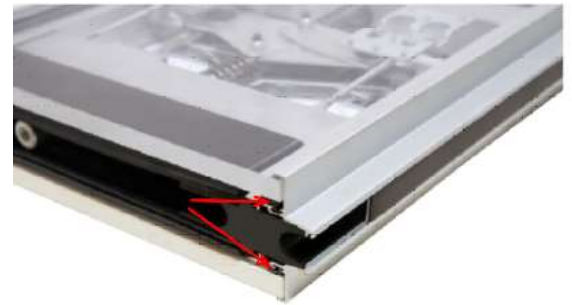
## Horizontal top Seals:

1. Continuous-contact, extruded PVC seal exerting uniform constant pressure on track.
2. PVC-faced, mechanical, retractable, constant-force-contact seal exerting uniform constant pressure on track when extended.
3. Continuous-contact, extruded-PVC seal exerting uniform constant pressure on track of PVC-faced, mechanical, retractable, constant-force-contact seal exerting uniform constant pressure on track when extended.
4. constant pressure on track of PVC-faced, mechanical, retractable, constant-force-contact seal exerting uniform constant pressure on track when extended.



## Horizontal Bottom Seals:

PVC-faced, mechanical, retractable, constant-force-contact seal exerting uniform constant pressure on floor when extended. Ensuring horizontal and vertical sealing and resisting panel movement.



The internal basic board and aluminum contact surface are separated by soundproof strips, which greatly increases the sound insulation effect.

Intermediate Seals: Deep-nesting, interlocking steel astragals mounted on each edge of panel, with continuous PVC acoustical seal.

These are sound-insulating sealing strips on both sides of the panel, PVC integrated molding strips are used to make the sealing of the door panels better and no noise



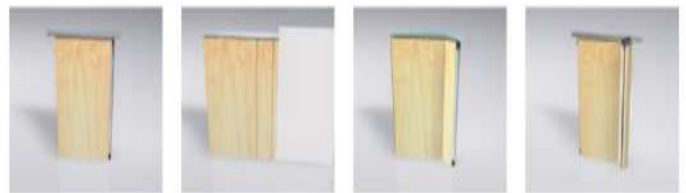
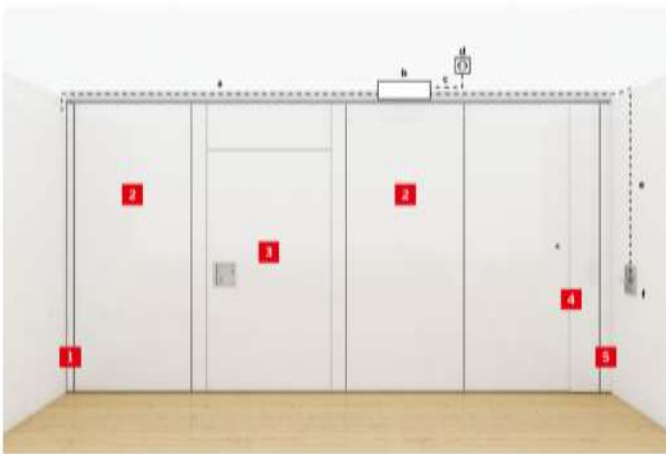


# Wall Structure Elements

## A multitude of element types for every need

The various element types available within the system can be used in applications of almost any kind and in the most widely diverse settings.

The Protectors systems can match unique design specifications and incorporate door elements or a variety of window options. The partitioning can be straight or angled, and can also accommodate special features such as sloping ceilings. Whatever the problem, The Protectors offers the best solution.



Full wall element  
Telescopic element (flush or with overlapping thrust unit)  
Angled element\*\*  
90° corner element



Double passdoor\*\*  
Passdoor with its element  
Passdoor full height, fixed\*\*  
Vision element\*\*



Passdoor with vision panel\*  
Special element for non-load-bearing or sloping ceilings\*

# Selection of Channels:

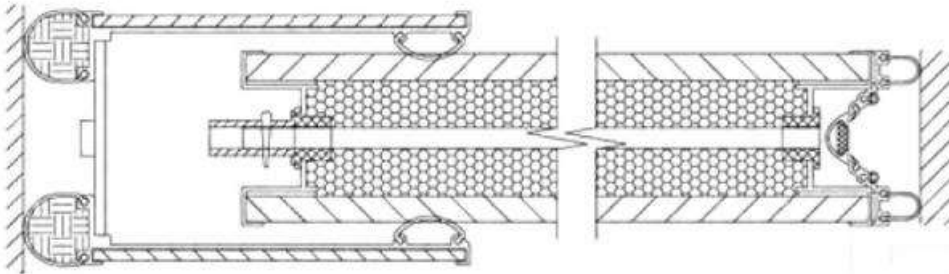
## Telescopic Panel:

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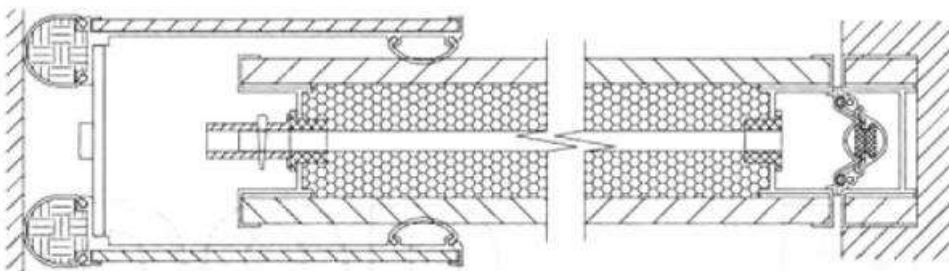
### Wall Sealing (Closure) Systems

The Protectors offers three wall sealing solutions to customers for fastening the operable partition system onto wall.

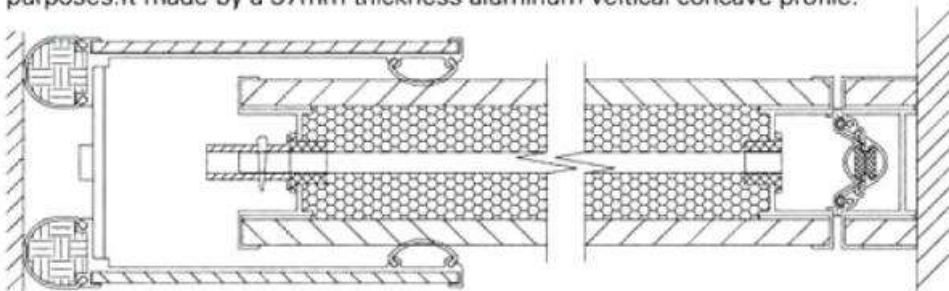
**1**  
Bulb seals are fabricated with quality rubber with high resilient and abrasion properties to provide excellent acoustic isolation performance.



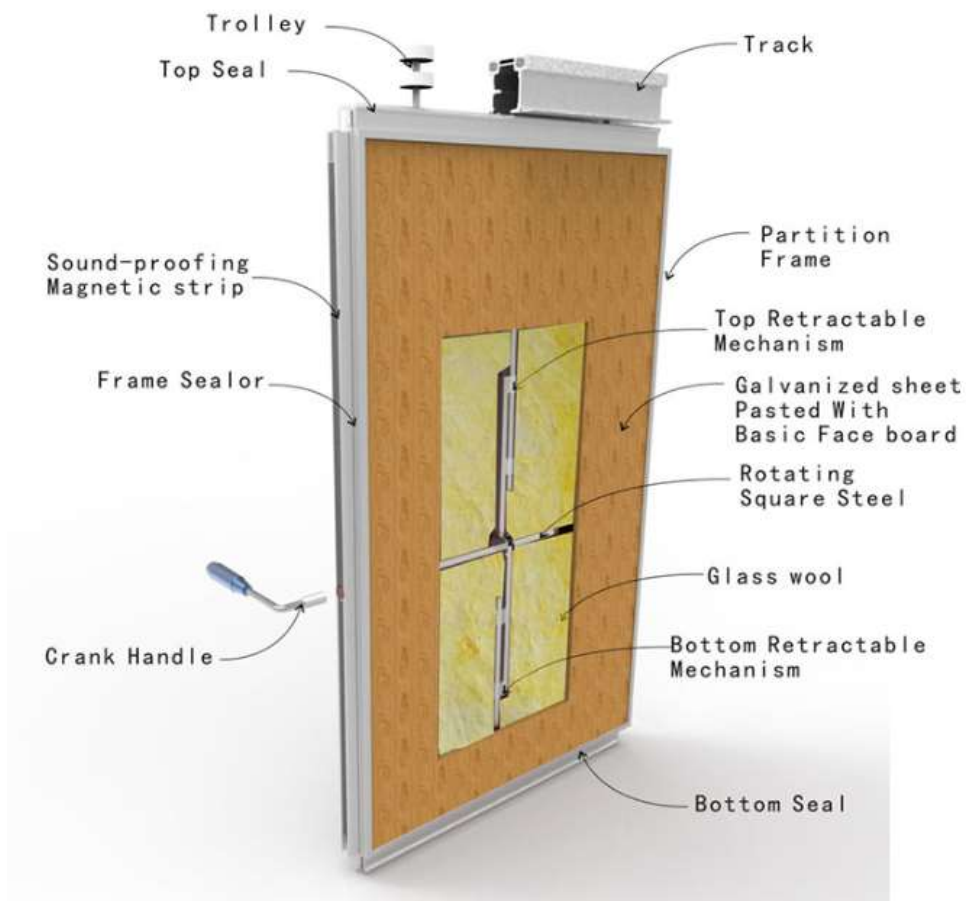
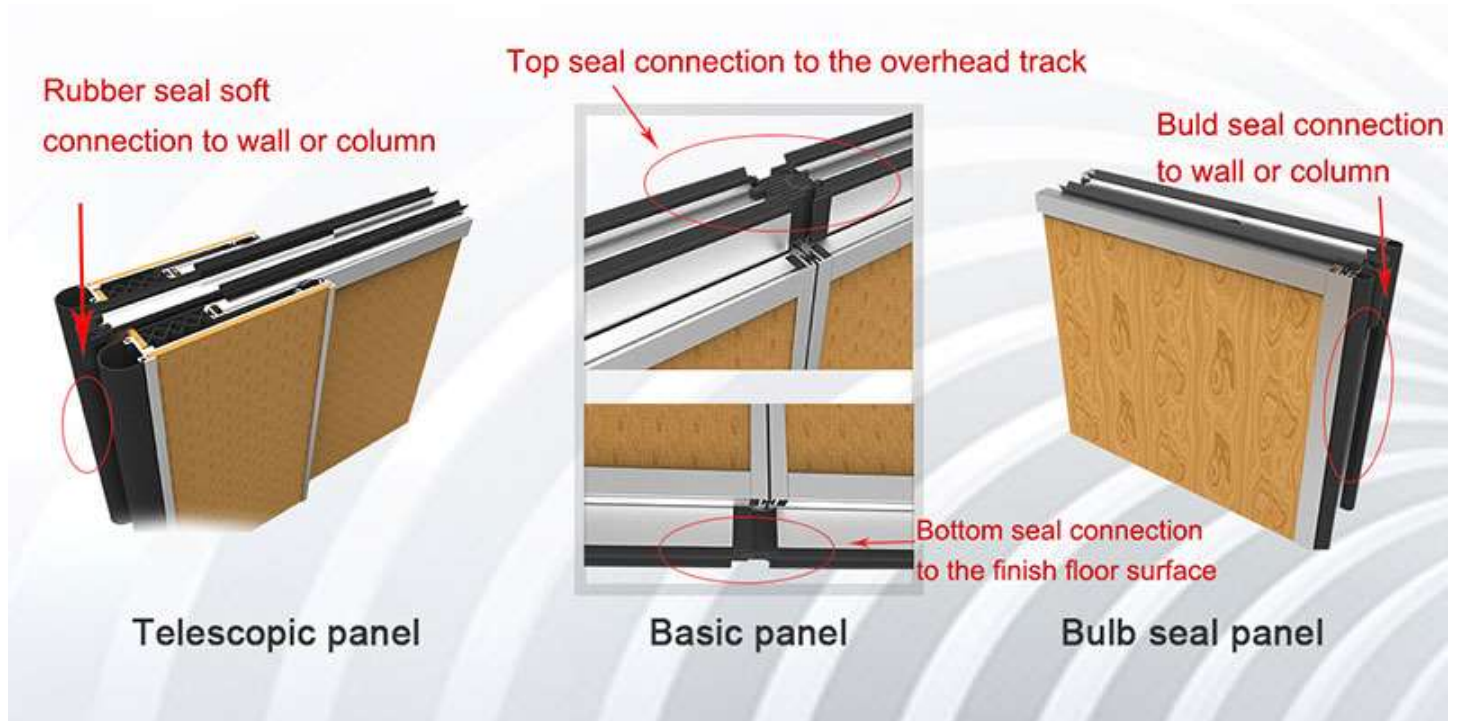
**2**  
Conceal wall jamb can be custom built for aesthetic and acoustic isolation purposes. It made by a 37mm thickness aluminum vertical concave profile.



**3**  
The exposed wall jamb can be custom built for aesthetic and acoustic isolation purposes. It made by a 37mm thickness aluminum vertical concave profile.



# Bottom Seal:



## TECHNICAL SPECIFICATION

### **Carrier Profile:**

#### **Natural Anodized Aluminum**

Panels surfaces in:

- MDF or HDF Board or Fire-resistant chipboard covered with



### **Panel Material:**

Moveable sliding partition wall consists of independent elements covered with high density chipboard panels 9 to 12 mm thick that can be finished with a wide variety of finishing.

### **Surface coating:**

- Standard colours melamine paper on fire-resistant chipboard

## Panels Finishes:

- Unfinish with MDF



- Unfinish with plywood



- MDF melamine laminate (vinyl)



- Plywood melamine (vinyl)



- Nature wood laminate



- HPL laminate



- Wall paper/cloth finish



- Fabric with or without foam



- Artificial Leather (PU)

