

earcons™ 
Chairs Series



earcons™ 
acoustic building system

Innovating best in "Quietness, Comfortable Sound with Sterling Acoustics"

Welcome to Earcons Acoustic

Over the course of our pioneering history, with nearly 20 years experience we have evolved into the world's largest provider of noise control products and systems. Our excellent reputation has been built on our commitment to design and manufacture top quality products to make the world a quieter place. We recognize that understanding our clients' requirements and goals is the key to our success. With that in mind, we look forward to doing business with you - wherever you are in the world. **EARCONS ACOUSTIC** began to serve the needs of the Acoustical Dry Walls, Ceilings, Walls, Floors, Doors & Chairs around Middle East country. Since its inception "Earcons Acoustic Building System" has grown to become the prominent in Acoustical Solution Provider.

Vision

We aim to be leaders not only in the Acoustical Solution industry, but also in all of our relationships. We are a company with a sound vision for the future based on sustainability, excellence, and innovation.

Mission

We work with others in a collective pursuit of excellence. Collaboration is at the core of all our relationships. We collaborate with customers, colleagues, and other technical partners in order to reach common goals. We act with honesty, responsibility, and respect towards all the people and organizations with which we interact.

Values

Our values define the character of our company, just as much as the products and services that bear the Earcons Acoustic Building System brand.

We care for the environment



Fire Safety



Indoor Climate



Environment



Influence of Climate



Cleanability



Audibility



Accessibility



Light Efficiency



Tiange Acoustic

Movable Partition is flexible, artistic and can be moved randomly. The movable partition can provide flexible space for exhibition center, hotel, shopping malls, school, multi-function hall, banquet hall, conference room, training room etc.





Individualized design,

unlimited space and beauty of simple transformation.

The interior design and decoration should pay attention to the shaping of the space. We are not using the real and solid wall, but the virtual space that they surrounded. Partition is not completely dividing the space, but limiting it. With partition, we can distinguish different nature of the space, and at the meanwhile achieve the mutual communication of space.



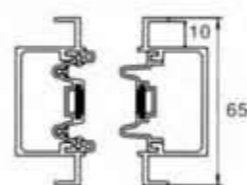
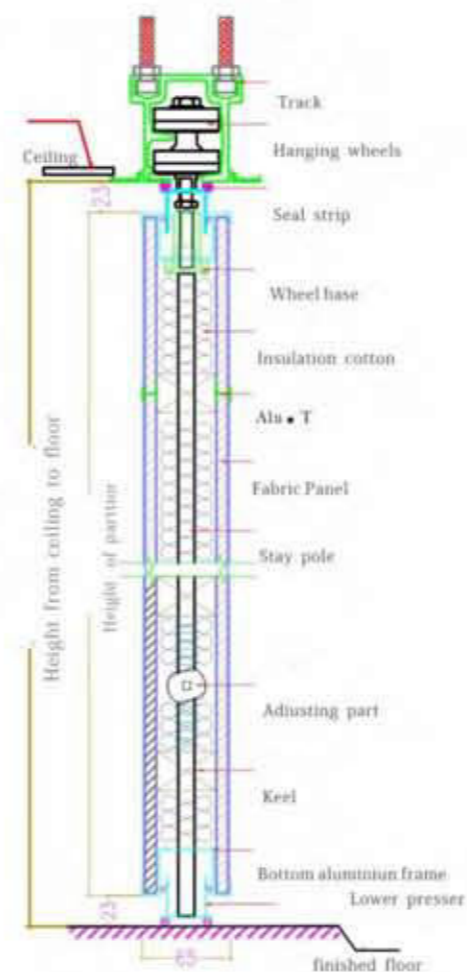
Omnibearing, multi-angle, focusing on perfect collocation of aesthetics and architectural acoustics.



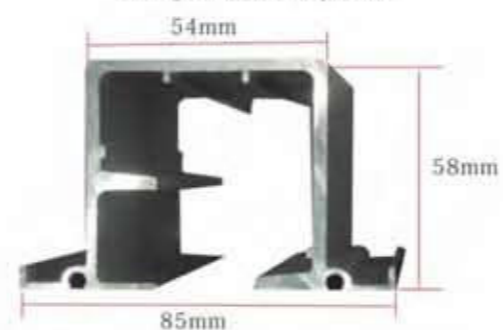
Each partition will buckle to escape sway, which can ensure its safety and fixedness. Coefficient of sound insulation reaches 60 dB.



65TYPE



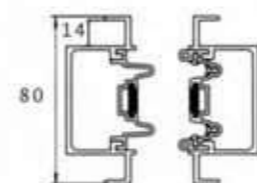
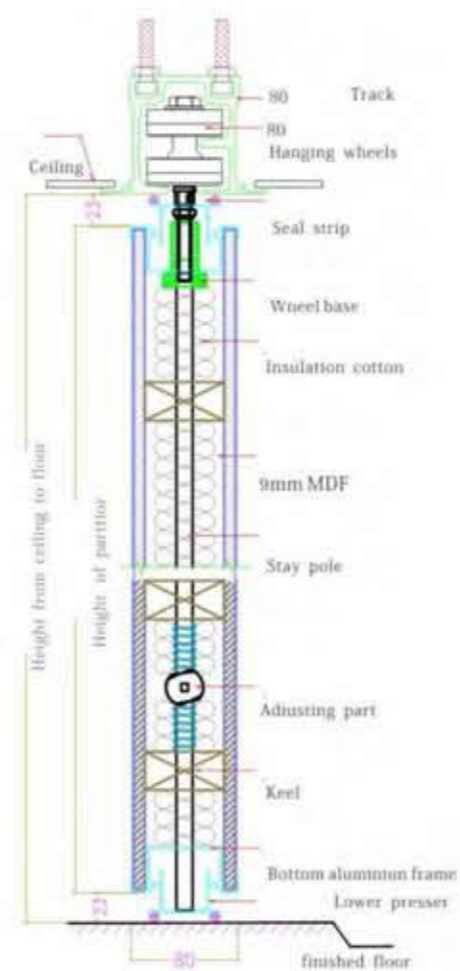
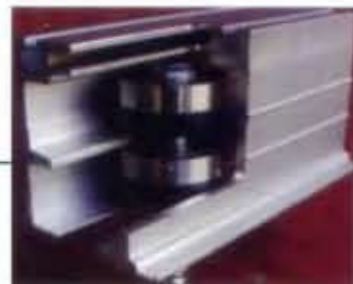
Drawing of thickness of partition



- TIANGE 65 series partition can be divided into 360 degree turn whole direction single film or single direction double films.
- The top adopts 65 or 80 type pathway or hanging wheel, could divide up space flexibly in all-direction and multi-angles.
- Screen borders are Processed and made by 6063T6 aluminium alloy materials which Chlorinated surface sandblasting is the highest grade material in our industry.
- And can be pushed to anywhere. Slide show steady and smooth transformation of space diversity. For a high degree 2m-4.5m. the largest rail loading is 250kg / m.
- Widely used in hotels, guesthouses, medium-sized meeting room, multi-purpose conference room



80TYPE



Drawing of thickness of partition



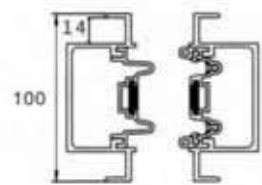
- TIANGE 80 series partition can be divided into 360 degree turn whole direction single film or single direction double films.
- The top adopts 80 type pathway or hanging wheel, could divide up space flexibly in all-direction and multi-angles.
- Screen borders are Processed and made by 6063T6 aluminium alloy materials which Chlorinated surface sandblasting is the highest grade material in our industry.
- And can be pushed to anywhere. Slide show steady and smooth transformation of space diversity. For a high degree 3m-7.5m. the largest rail loading is 450kg / m.
- Widely used in hotels, guesthouses, medium-sized meeting room, multi-purpose conference room



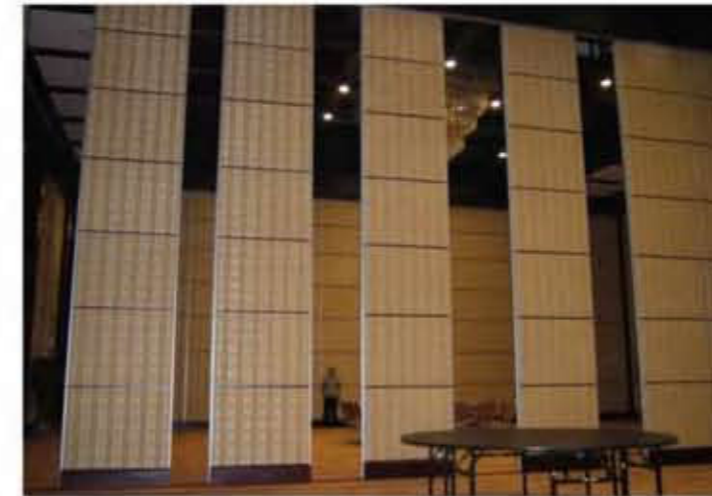
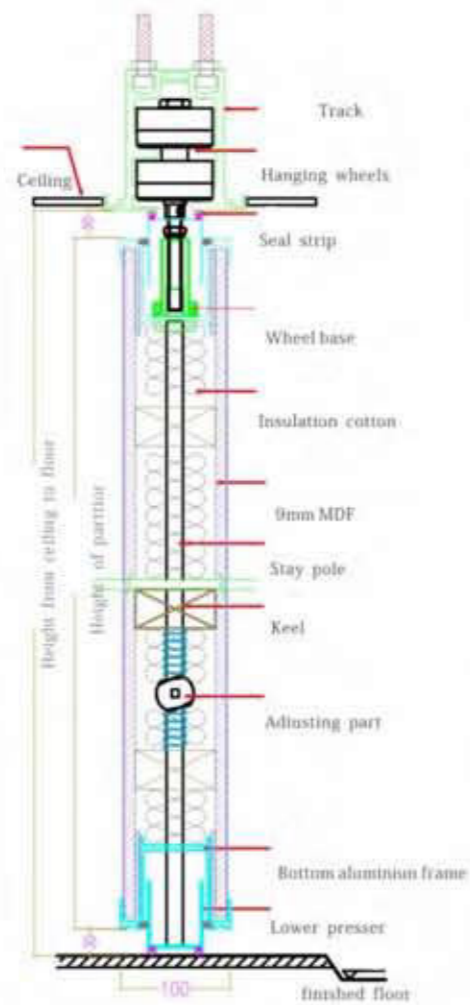
100TYPE



- TIANGE 100 series partition can be divided into 360 degree turn whole direction single film or single direction double films.
- The top adopts 100 type pathway or hanging wheel, could divide up space flexibly in all-direction and multi-angles.
- Screen borders are Processed and made by 6063T6 aluminium alloy materials which Chlorinated surface sandblasting is the highest grade material in our industry. And can be pushed to anywhere. Slide show steady and smooth transformation of space diversity. For a high degree 5m-9m. the largest rail loading is 650kg / m.
- Widely used in hotels, guesthouses, medium-sized meeting room, multi-purpose conference room

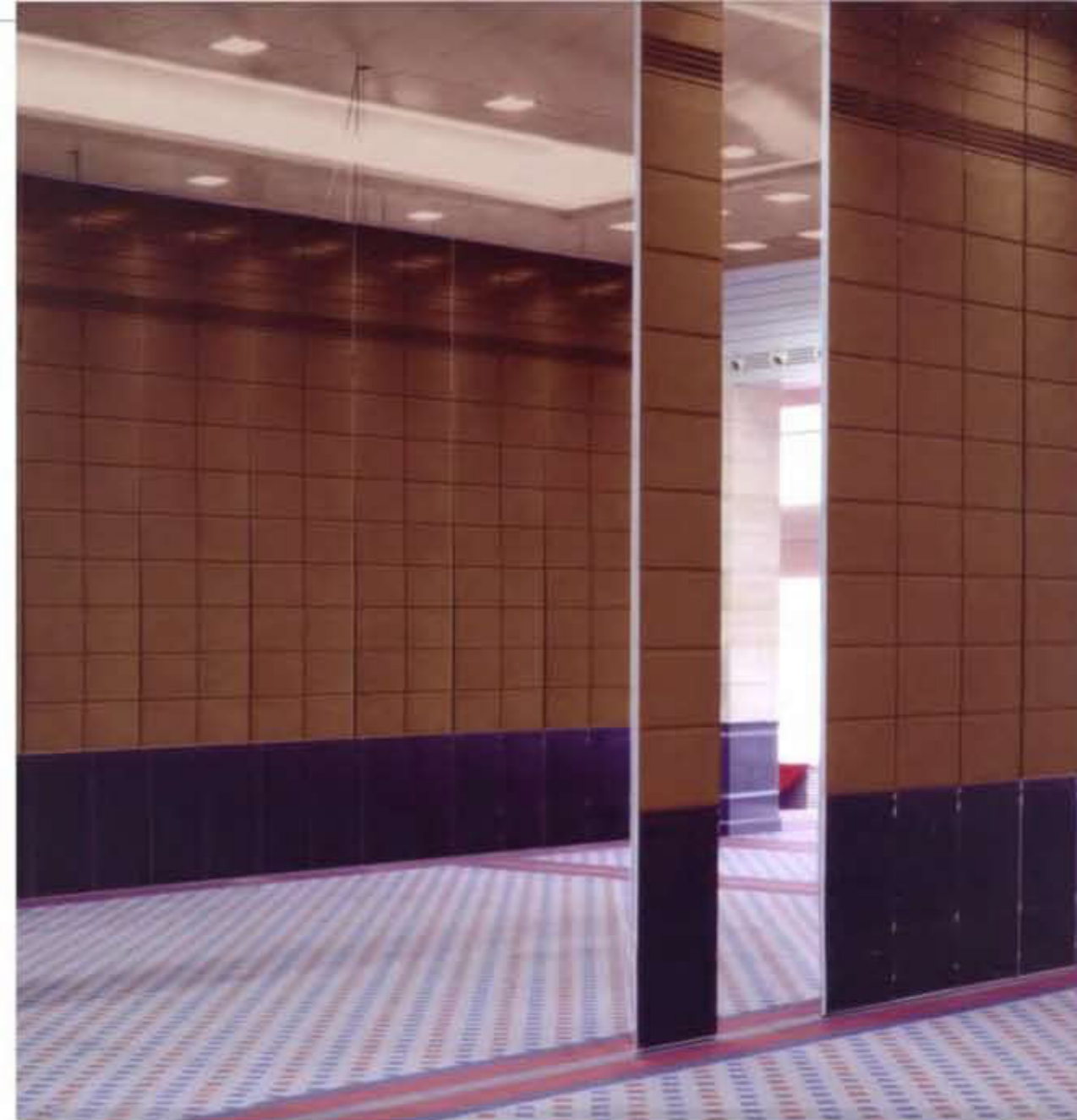
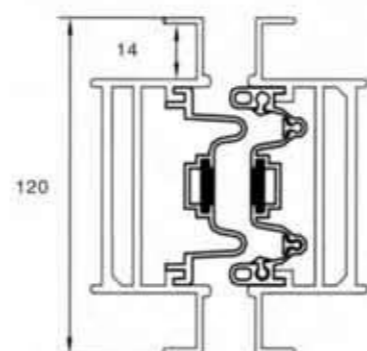
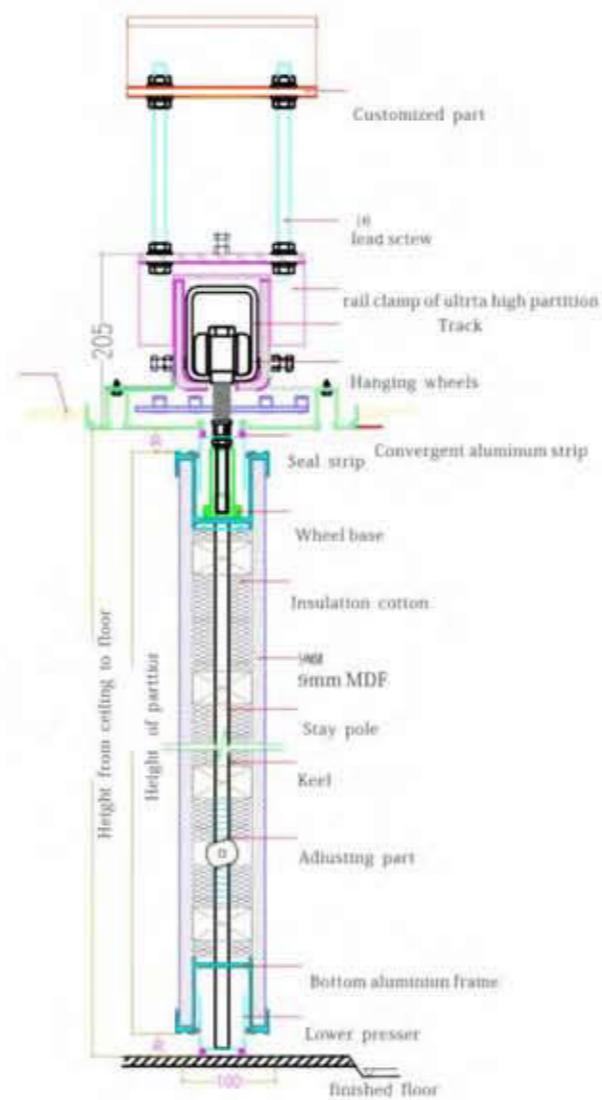


Drawing of thickness of partition



ULTRAHIGH TYPE

- The top adopts type pathway or hanging wheel, could divide up space flexibly in all-direction and multi-angles.
- Screen borders are Processed and made by 6063T6 aluminium alloy materials which Chlorinated surface sandblasting is the highest grade material in our industry.
- And can be pushed to anywhere. Slide show steady and smooth transformation of space diversity. For a high degree 8m-16.5m. the largest rail loading is 1250kg / m.
- Widely used in hotels, guesthouses, medium-sized meeting room, multi-purpose conference room



steel



hanger



installation structure of track



wheel



conector

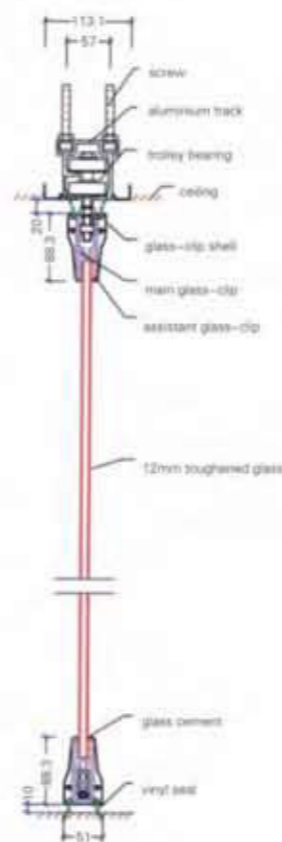


automatic turn around conector

Frameless Glass Type



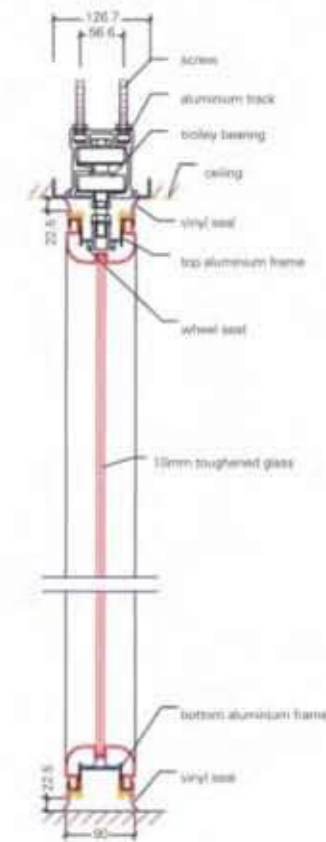
TIANGE non-frame mobile glass partition could 360 degree-directions turn and glide through hanging in TIANGE 65 80 pathway, aluminium clamp atop of partition is made of highest grade imported 6063T6 aluminium alloy in our industry, could use 10-12mm thickness steel, mattem glass or any other types of glass. The partition panels would be fixed by high quality steel lock system. The maximal high is 3600mm.



Frameless Glass Type



Framed Glass Type



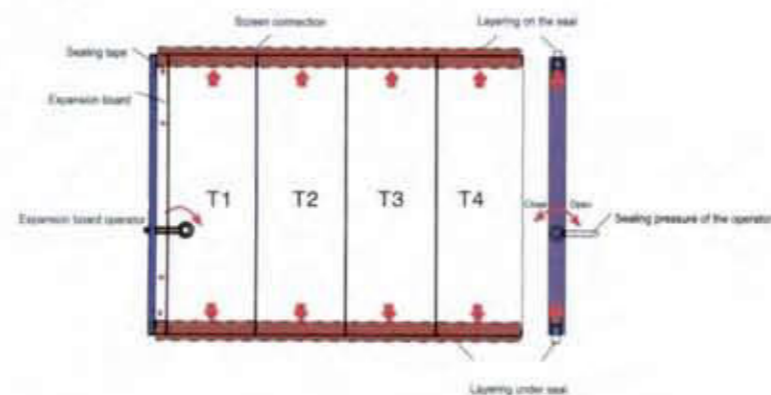
Framed Glass Type

TIANGE 80 sound insulation mobile frame glass partitions could 360 degree all-direction turn and glide through the wheel hanger on the TIANGE 80 or 75 pathway. 80 type partition the upper frame min 25mm, the subaltem frame min 250-450mm, left and right frame min 120mm. the outer frame of partition and inner frame of fixed glass and inner materials are made by highest grade imported 6063T6 aluminium alloys. 80 partition attached upper and below mobile automatic pop-up device, could fully sealed to meet the sound insulation function. It could adopts sin gle layer or double layers glass device. For glass, could choose steel, matte and any other types of glass.

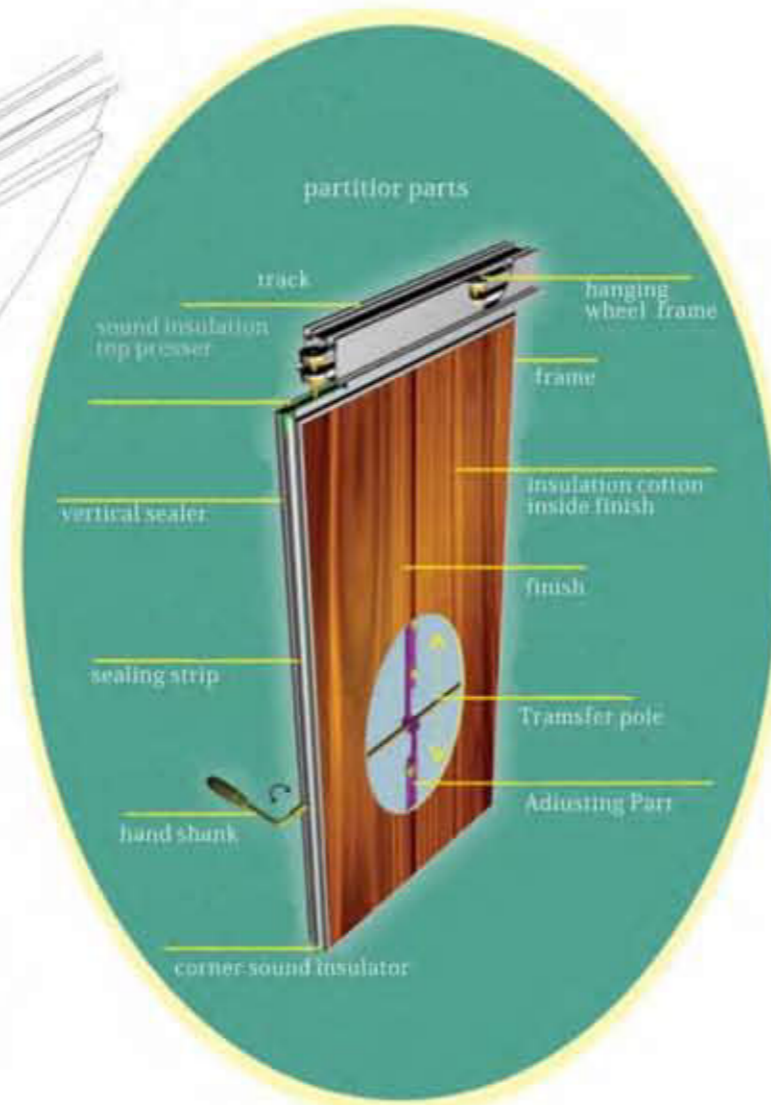
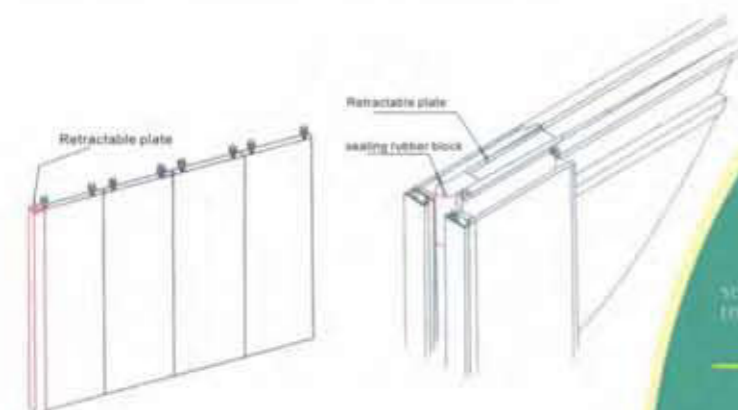


Sound Insulation and Sealing Technology

Sealing of the expansion

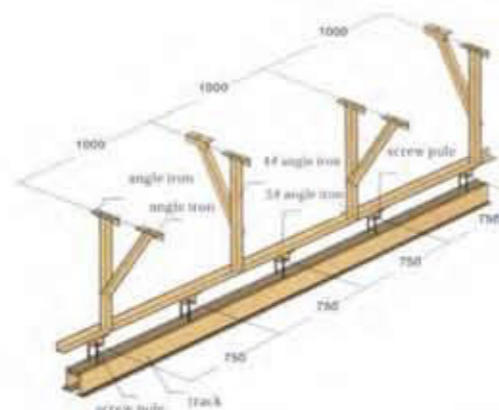
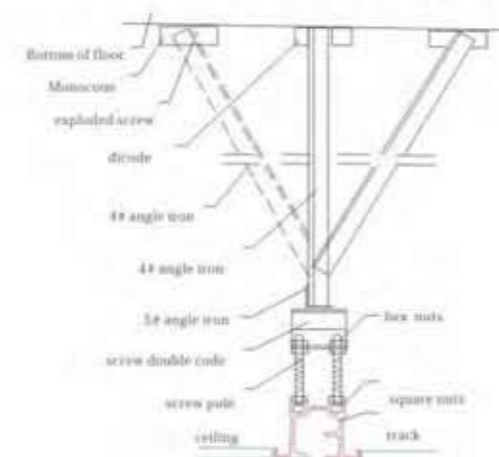


Because each group of partition must have a retractable position to make up its dimension error and as the operational space. The sealing adhesive tape used for sound insulation in common factories, which looks as if it is fully sealed, in fact, it is not true and is the important blind spot for sound insulation. TIANGE SHI Company has done very excellently in this aspect. The combination of retractable press bar and sealing binyt bar makes up the disadvantage of empty space left when the common product retractable head extrudes, achieving excellent sound insulation it is the important patent of our company.

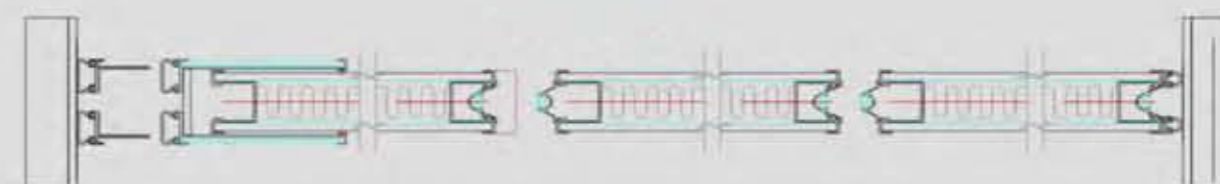
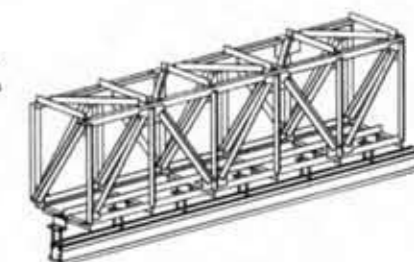
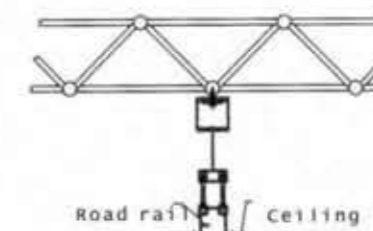
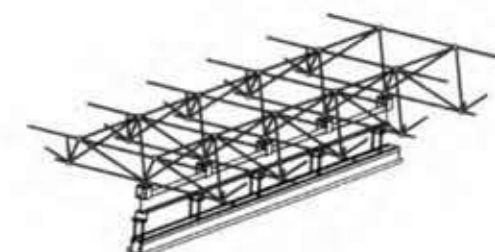
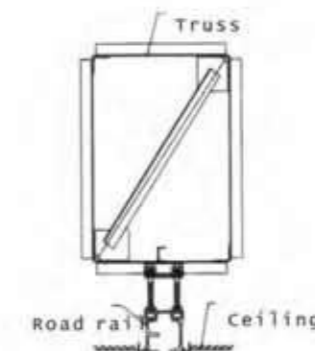


Track Installation Instruction

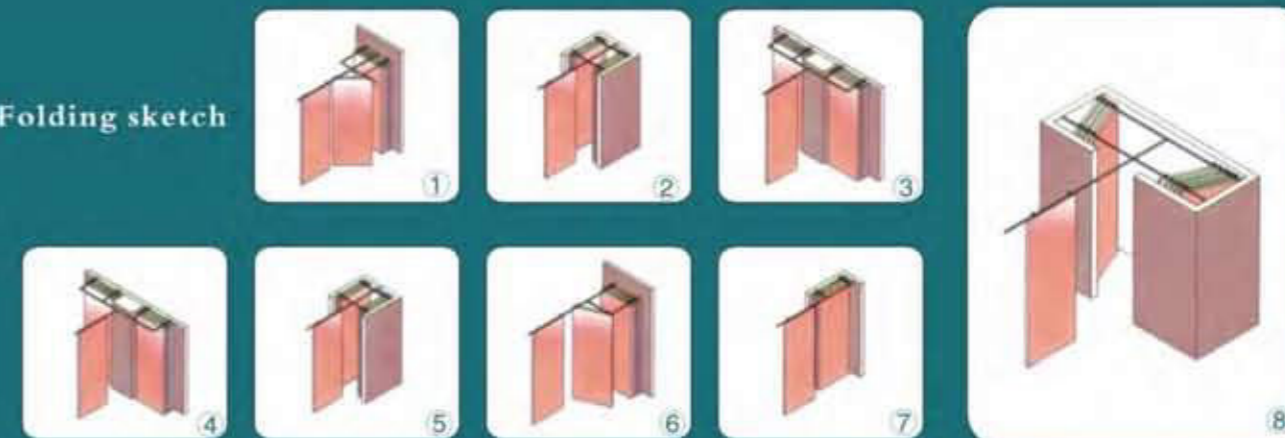
Ceiling Steel Tracks Installation Diagram



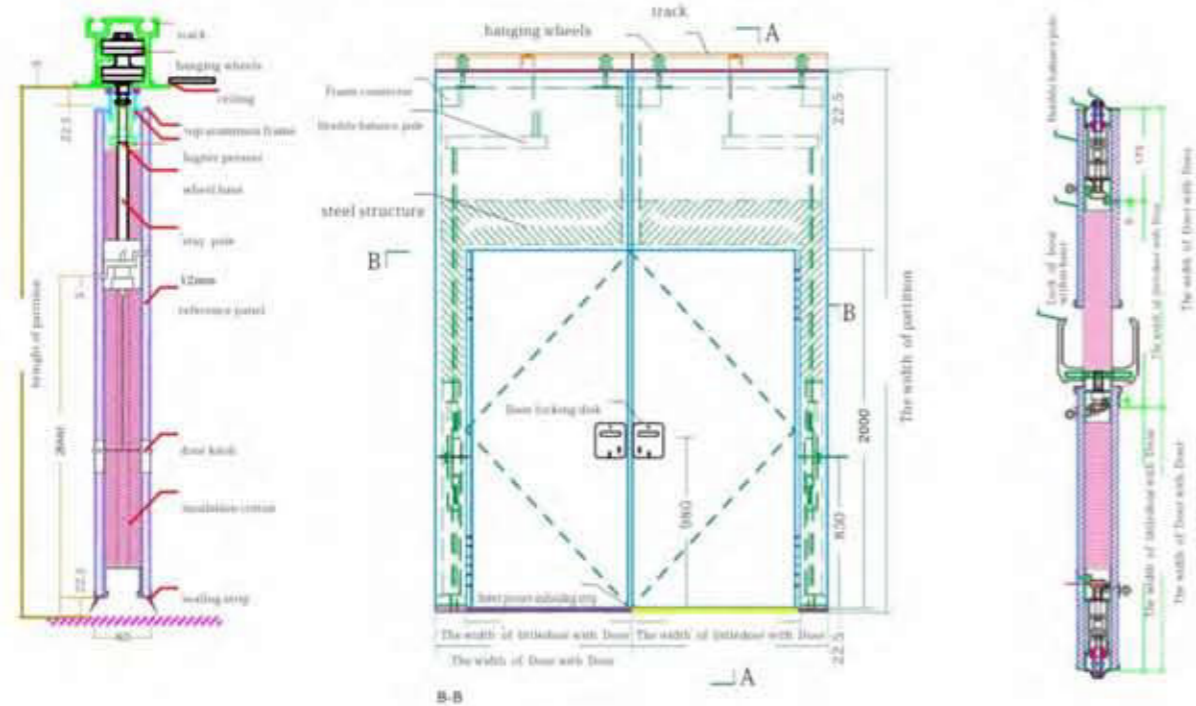
Steel truss



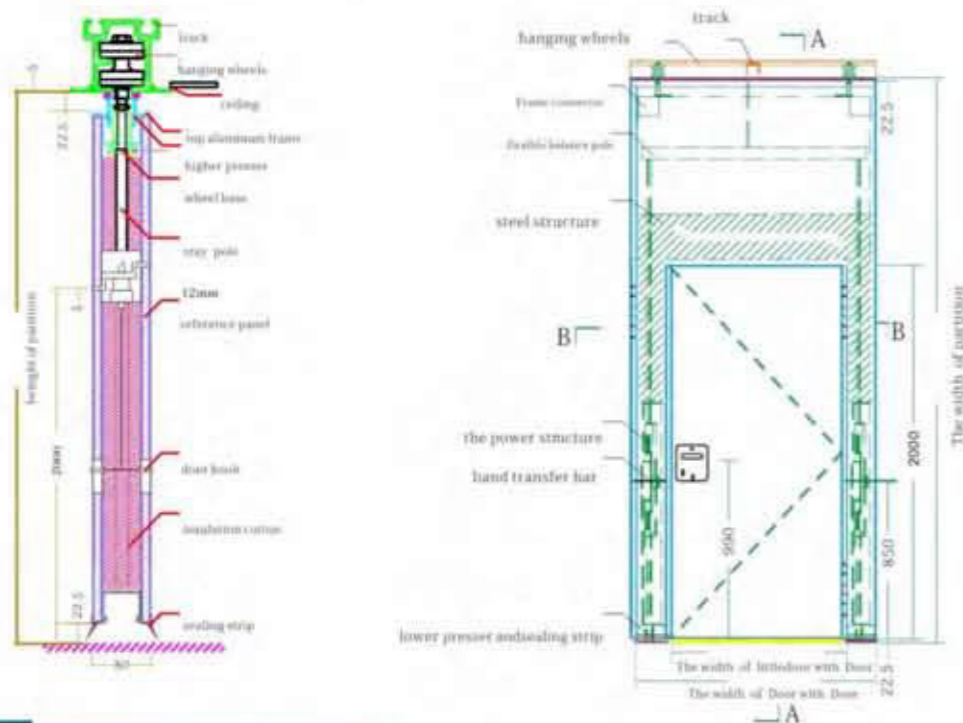
Folding sketch



Track Installation Instruction



Track Installation Instruction



Special Acoustic Material Finish



List of moveable partition series parameter

Marque	Specification (mm)			Acoustic absorption coefficient (α)	Hemato- bar flow (mm) distance	Weight (kg/m ²)	Faceplate Material
	Thickness	Height	Max height				
T-65	65	800-1230	4500	30	45	18	
	65	800-1230		34	45	22	
	65	800-1230		35	45	24	
	65	800-1230		36	45	24	
	65	800-1230		38	45	26	
T-80	80	800-1230	7500	38	45	26	
	80	800-1230		42	45	27	
	80	800-1230		43	45	27	
	80	800-1230		44	45	30	
	80	800-1230		46	45	36	
T-100	100	800-1230	9000	52	60	42	
	100	800-1230		56	60	44	
	100	800-1230		57	60	44	
	100	800-1230		58	60	46	
	100	800-1230		60	60	48	
10-12		800-1100	8000-16500	50-60	60	58	
10-12		800-1100	2500-3600	15-30	45	35-40	

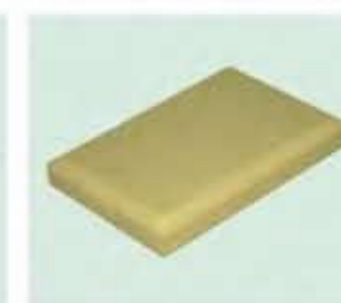
Above data is for reference Different STC with different faceplate materials



Sound Insulation Board
(A grade fire-proof)



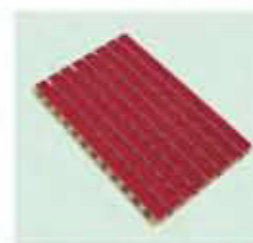
Decoration Board
(A grade fire-proof)



Fabric or Leather Acoustic Panel
(Can be B1 grade fire-proof)



Polyester Fiber Acoustic Panel
(Can be B1 grade fire-proof)



Grooved Acoustic Panel
(Can be B1 grade fire-proof)



WPC Acoustic
Panel (Can be B1
grade fire-proof)



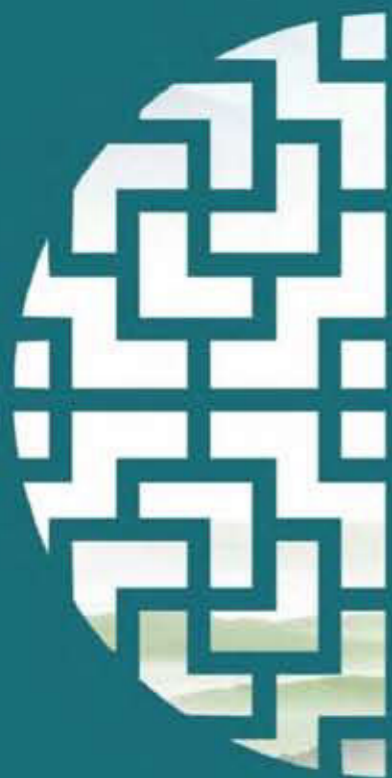
Perforated Wood
Acoustic Panel
(Can be B1 grade fire-proof)



Wood Wool and Micro-hole
Acoustic Panel
(B1 grade fire-proof)



Triangle Diffused
Acoustic Panel
(Can be B1 grade fire-proof)



Stationary type Partition

perfect office environment for you





With the development of the times, the modern Office environment, from the traditional closed into open—type, high-compartment product change was initiated by the carpenters and the brick wall compartment compartment situation, the introduction of a variety of modular partition systems, make up the rigid compartments form of the future, the market will be gradually to the system partition of the development combinations. Germany body height partition "industrial decorate" the new concept of the Introduction of the new trend of the times, from the appearance, effectiveness, environmental protection, multi-functional aspects of human needs to inject more elements, and thus create the Personalization and high—quality interior space.

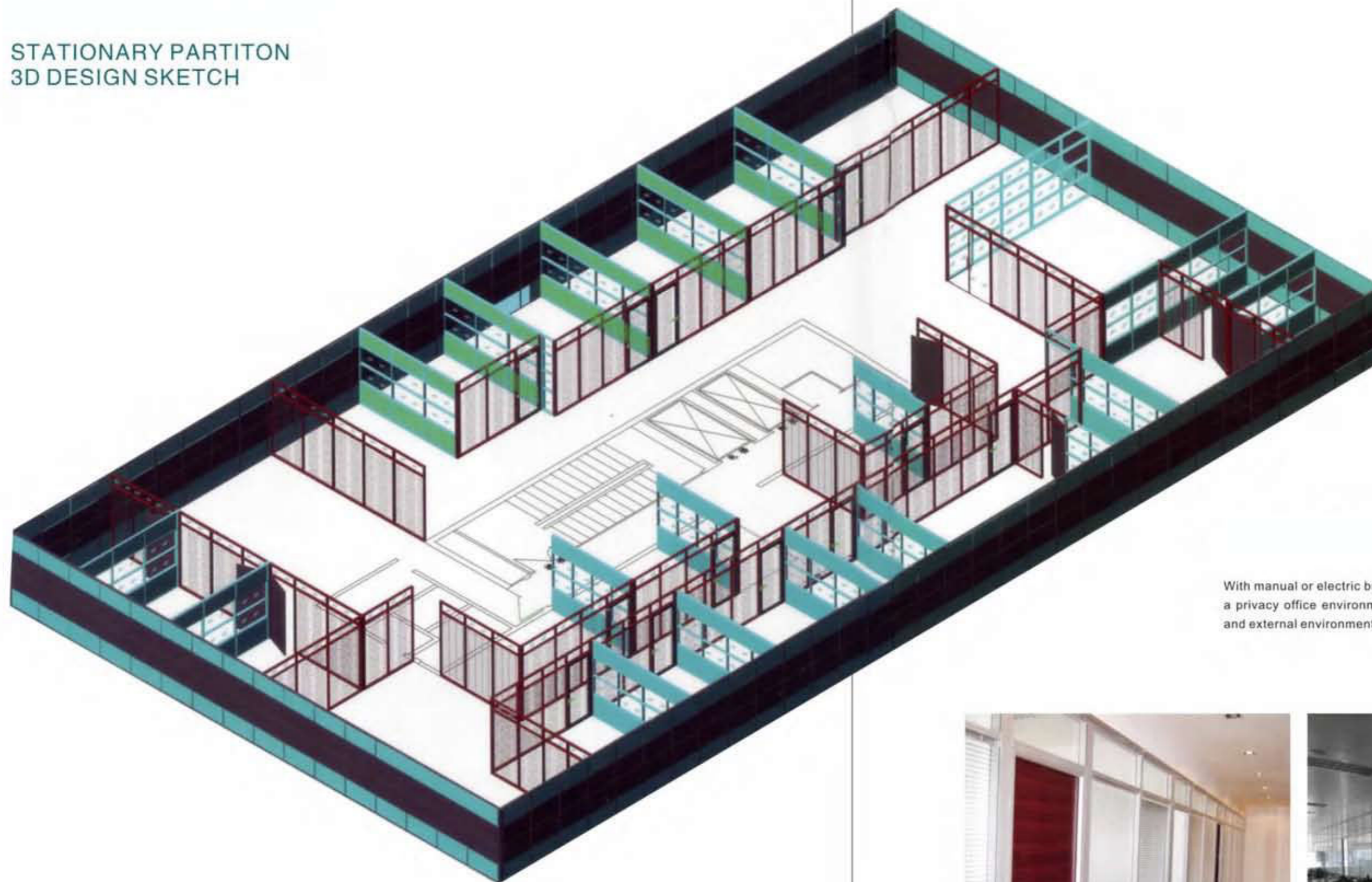
Properly use glass as a wall to create subtle and transparent vision effect.



Originality of products, unique style, showing charm of space division.



STATIONARY PARTITION 3D DESIGN SKETCH



With manual or electric built-in thermometer, can have the effect of noise has a privacy office environment, adjusting the angle louvres can make internal and external environmental interaction and to increase the lighting effect



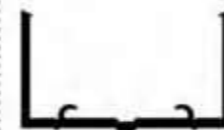
The picture of pressing the buckle on the horizontal and perpendicular aluminum profile



Structural diagram for product assembly

Wood Acoustic Panel Color Chart

TG801



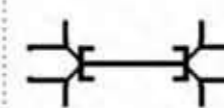
The keel to the ground

TG802



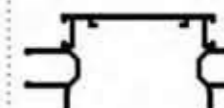
Ten centimeter ground keel

TG803-1



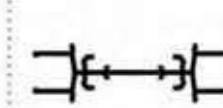
Thickened horizontal and perpendicular

TG803-2



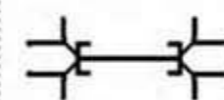
Louver track concealing keel

TG803-3



New single-glass keel

TG803



Horizontal and perpendicular keel

TG804-1



Concealed louver glass buckle

TG804-2



Arc-shaped-glass buckle

TG804



Double-glass buckle

TG805



New single-glass buckle

TG806



New single-glass supporting buckle

TG807-1 32MM



Band edge exterior concave buckle

TG807 32MM



Exterior concave buckle and exterior flat buckle

TG808-1 32MM



Band edge exterior flat buckle

TG808-2 40MM



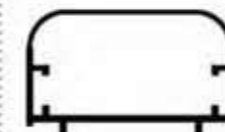
Band edge exterior flat buckle

TG808 32MM



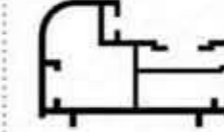
exterior flat buckle

TG809



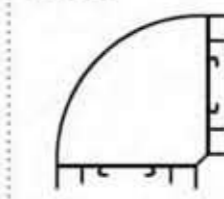
floor spring door frame

TG809



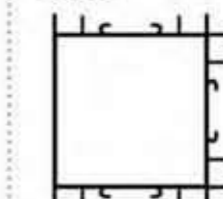
door frame

TG813



half arc-shaped-turn column

TG815



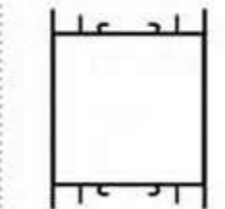
three-angle-turn column

TG811



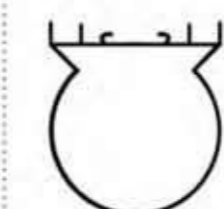
plain batten door buckle

TG814



two-angle-turn column

TG816



cylinder

TG817



joint at side

TG818



new single-glass supporting buckle

Wood Acoustic Panel Color Chart



lock of double doors



lock of single door



lock of single door



lock of double glass-door



hinge of glass door-sparking



lock of single door



hinge of glass door-matte hack



straight handle aluminium alloy RENZ



banding handle aluminium alloy RENZ



right-angle adapting piece



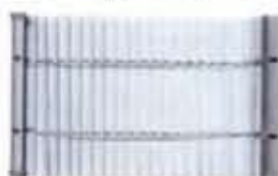
gross keel flat adapting piece



hinge of wooden door-silvery white



power-driven remote control of louver



louver



adapting piece of right-angle doorframe



aluminium angle code of door leaf



floor knob of glass door



floor knob of wooden door



field cutting



hollow knob



venetian blind knob



venetian blind knob



venetian blind knob



venetian blind knob

ENGINEERING PROJECTS (SECTION)



Shangri-La(Guangxi)Hotel
Malaysia One city
Abidjan Military Conference Hall
Malaysia Arenaa Hotel Movable Partition
Egypt Baron Hotel



Melamine Finish



The finish can be plane surface, pitting surface and raised surface. (clients please make notes when ordering.)

Melamine Finish



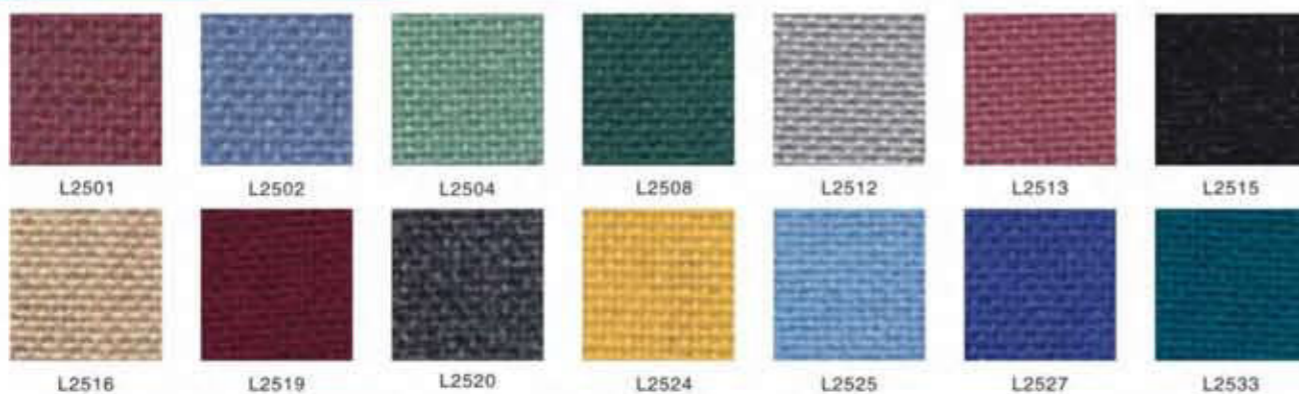
Natural Veneer Finish



The finish can be plane surface, pitting surface and raised surface. (clients please make notes when ordering.)

fabric panel color chart

① London Series



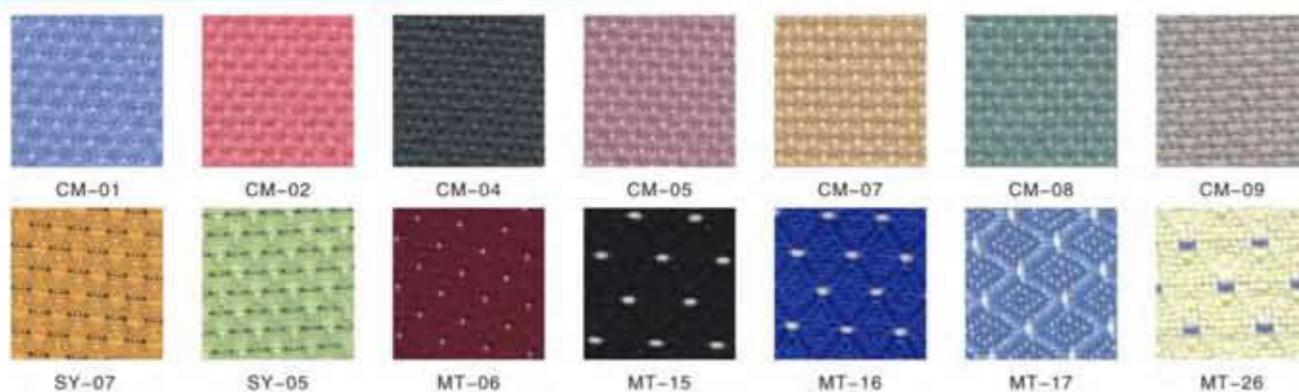
② Milan Series



③ Paris Series



④ Moscow Series



⑤ Newyork Series



⑥ Beijing Series



leather panel color chart



The finish can be plane surface, pitting surface and raised surface. (clients please make notes when ordering.)