



Movable&Partitions Wall



Shanghai Gibo Group

Neuwall Movable&Partitions Wall System

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CREAT FLEXIBLE SPACE

About Us

Founded in 2009, Neuwall, is headquartered in Shanghai, China. Neuwall, was developed from Shanghai Gibo Group whose reputation for providing high-quality, cost-effective and energy efficiency Building Materials. Neuwall Movable&Partitions Wall, made its mark in the full-height movable wall system called the series 65A,80A and 100A, targeting large organizations in the world that required the flexibility to quickly and efficiently reconfigure their office environments.

Company Background

Neuwall, affiliated Shanghai Gibo Group, allowing us to ensure a continued commitment to improve and innovate our movable partitions wall system. Neuwall, composed of two manufacture companies that ensure us providing high-quality and efficient service. Neuwall, relocatable wall systems are designed for every aspect of a facility, including executive and general offices, conference rooms, training facilities, and storage areas. Our team of professionals will work with you to develop a wall system that maximizes workspace efficiency.

We offer:

- A full professional design service
- Survey and installation guide
- using top quality materials and components
- a fully experienced work team
- Maintenance contracts-to ensure your valuable asset remains in full work order



Mono partitions

A top hung movable wall system with individually operated interlocking panels that have retractable seals top and bottom. It has the appearance of a permanent wall when closed.

03 - 10



Multi partitions

A top hung moveable wall system with hinged connected panels that offer excellent sound insulation effect.

11 - 12



Pass door

Pass door opened in the panels, provide easy access pass.

13 - 14



Glass wall

Widely used in office, hotel, restaurant, shop. tempered glass and available in movable, folding, fixed and sliding wall configuration.

15 - 18

MONO PARTITIONS



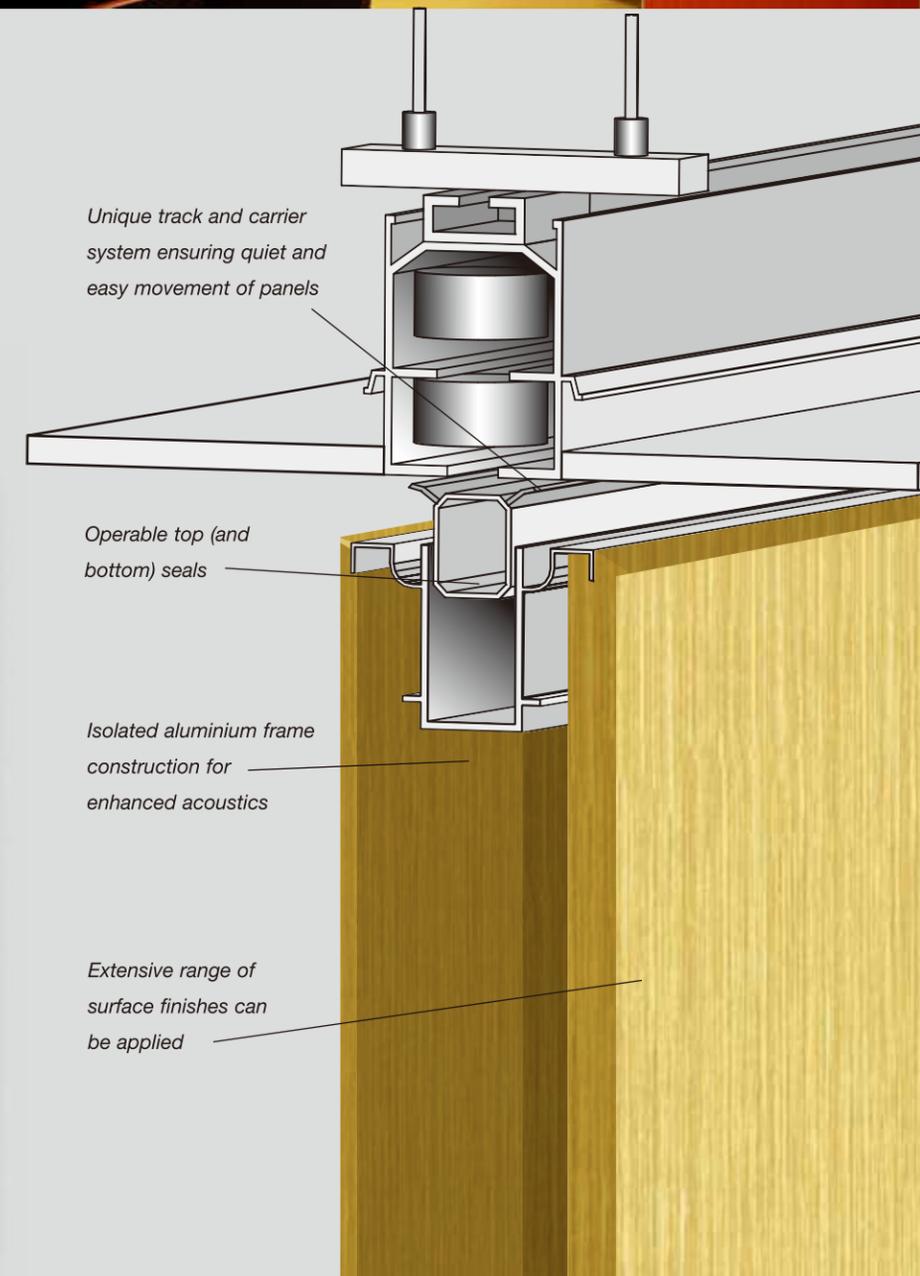
Conference Room

The movable wall system is tongue-and-groove unitized panel system. Panels are precision laminated, pre-finished with vinyl, fabric or other specified finish. All vertical and horizontal structural members consist of extruded aluminum components, with a snap-on base made of extruded vinyl. Panels lift into floor and ceiling tracks to form a rigid, uniform wall system that provides excellent sound transmission resistance with a STC rating of 35 to 58dB.



Features & Benefit

- Retractable top and bottom seals ensure effortless movement of panels
- Concealed or exposed panel edge profiles
- Hinged panels for quick and easy operation.
- Pass door incorporated enabling access to adjoining rooms
- Numerous panel stacking options for complete flexibility
- The system offers various levels of sound reduction
- Top hung and floor with vinyl seals achieving excellent insulation effect.
- Extensive range of surface finishes available.





Conference Center

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.

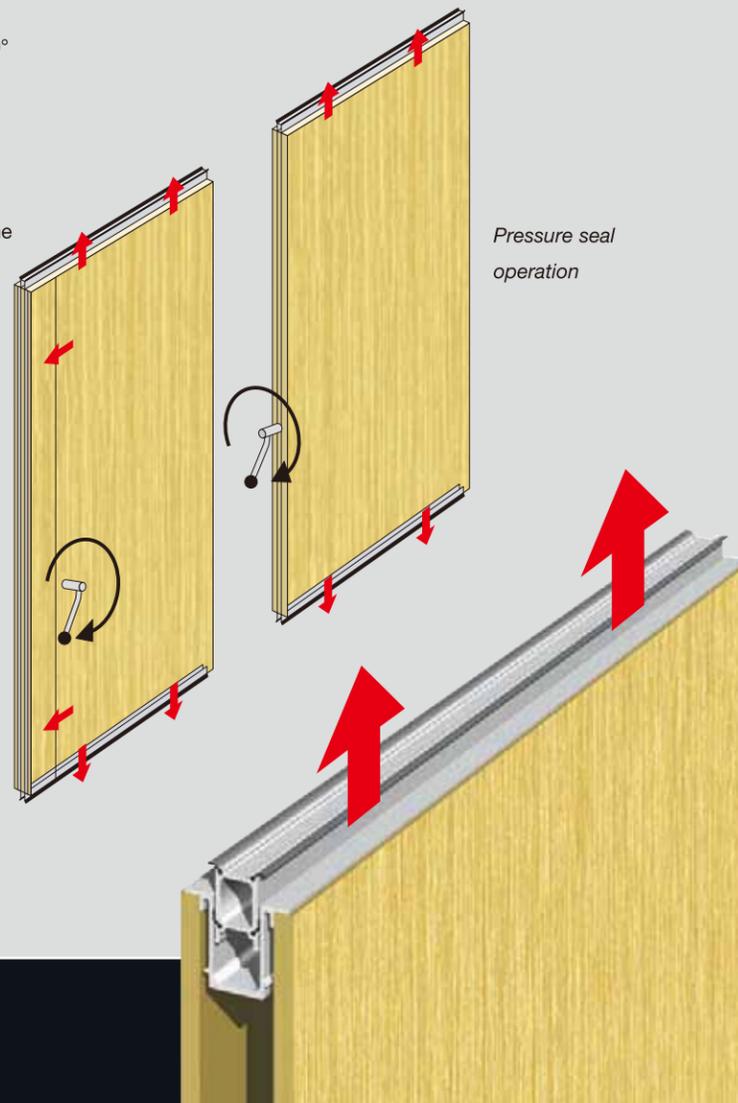
Once a panel is positioned, acoustic integrity is maintained along the top and bottom of the panel by extending pressure seals.

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.



Telescopic sleeve panel



Pressure seal operation

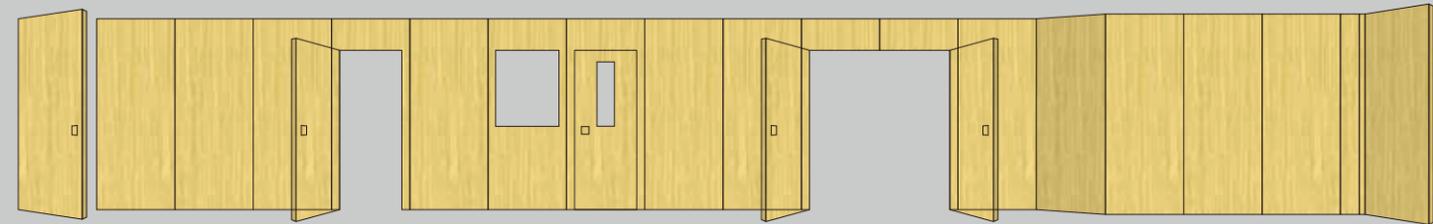
Bespoke solutions

Each moveable wall is specifically made to your requirements. Of course, not all walls are simple straight line divisions.

Pass doors, Angles or Vision Panels may be included in the design.



District Court



Illustrated above are some of the special features offered

Construction

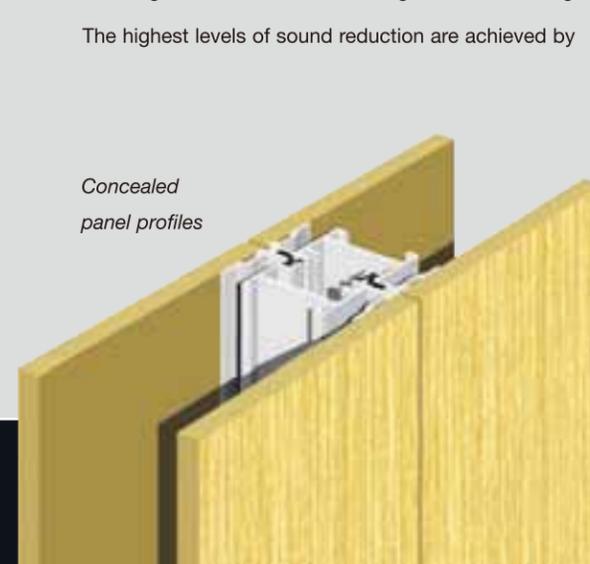
Wall panels are of double skin construction with a robust internal aluminium frame. The panel faces are not 'hard' fixed to the frame and therefore when sound waves 'hit' one side of the wall the vibration caused is not directly transferred to the opposite face. Aluminium edge profiles may be CONCEALED, OR EXPOSED to provide a trim.

Heavy duty rubber gaskets are fitted to the panel profiles ensuring maximum acoustic sealing to all surrounding surfaces. The highest levels of sound reduction are achieved by

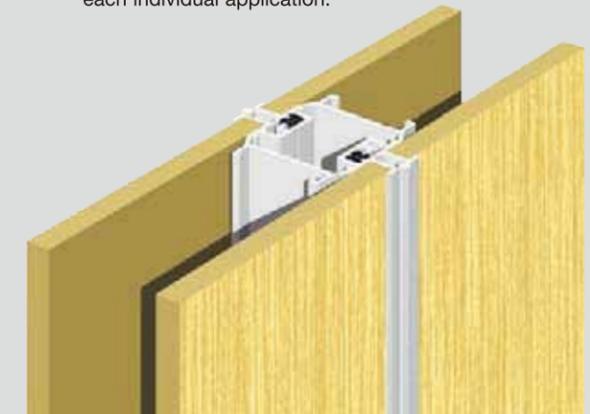
introducing rubberised bitumen membranes and mineral wool insulation to the core of each panel.

The rapid action mechanism, which operates the retractable seals, is designed to exert sufficient pressure to achieve the high levels of sound reduction offered. The retractable seals are designed to tolerate deviations in floor level and the deflections of supporting structures. The tolerance limit is evaluated for each individual application.

Concealed panel profiles



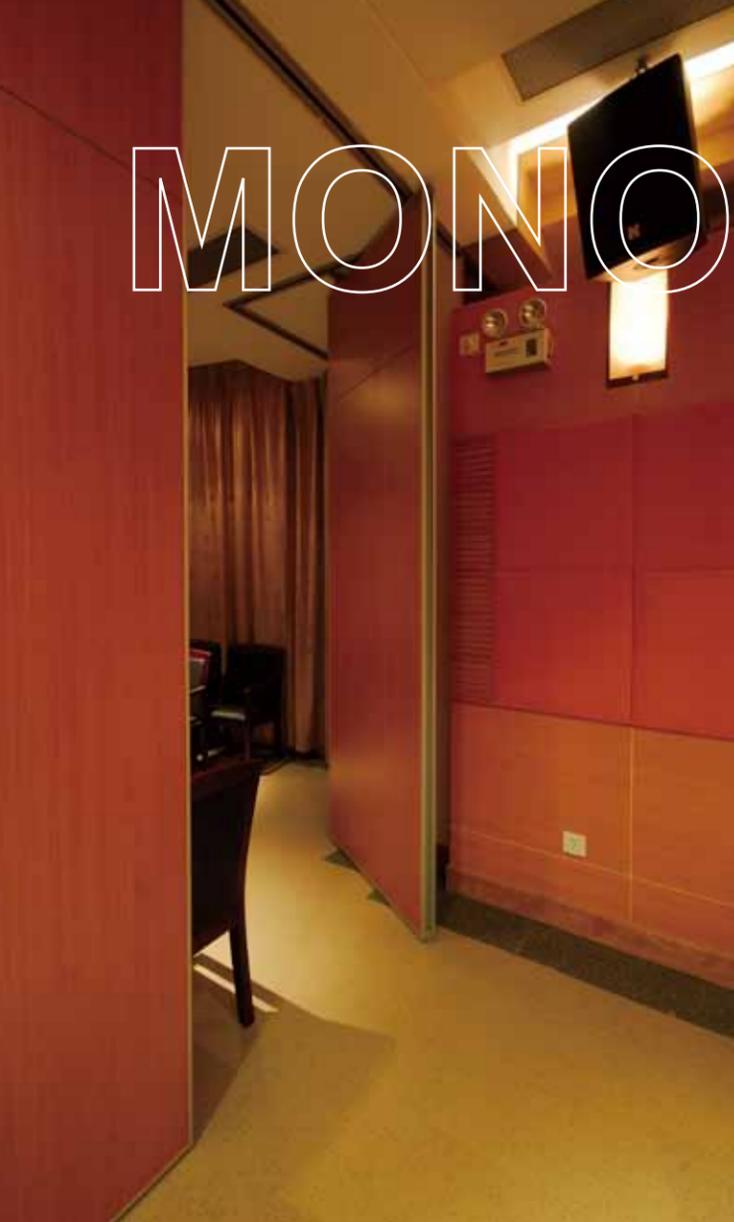
Exposed panel profiles



MONO

Monoplan

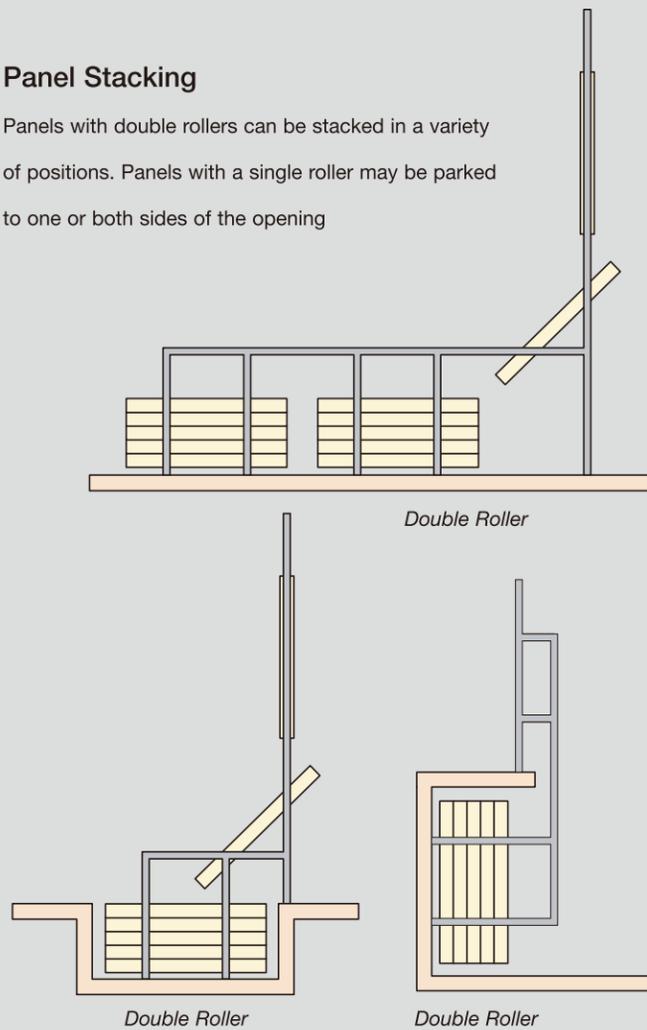
PARTITIONS



4.8m high movable wall with wood veneer surface finish

Panel Stacking

Panels with double rollers can be stacked in a variety of positions. Panels with a single roller may be parked to one or both sides of the opening



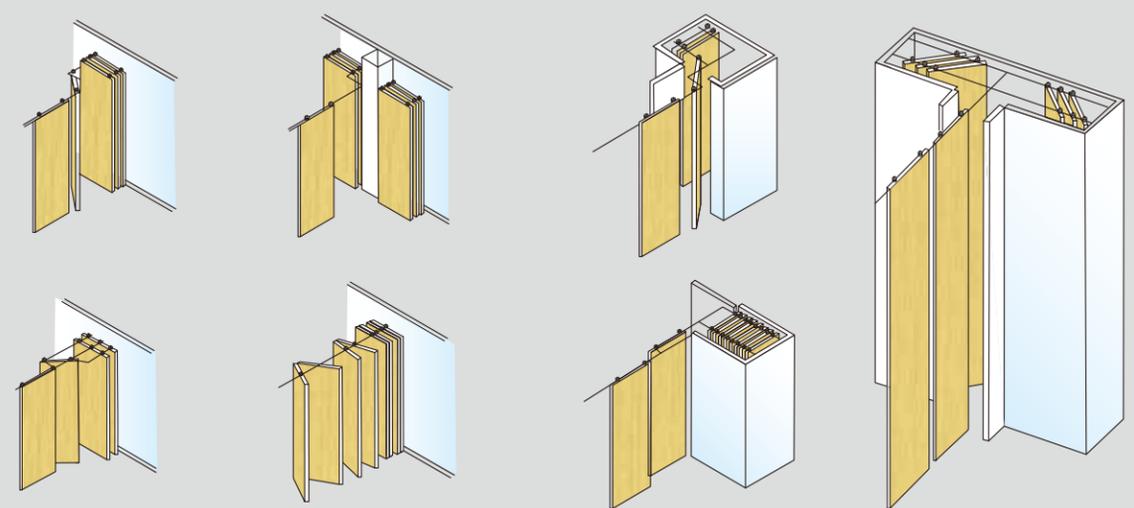
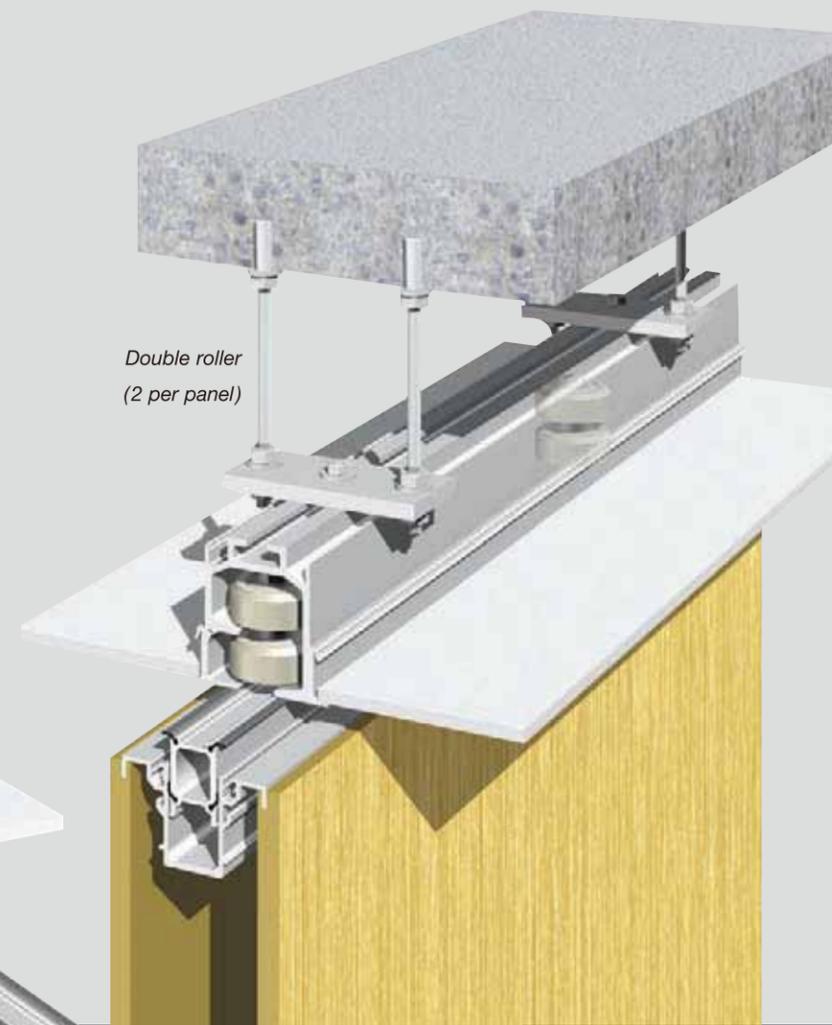
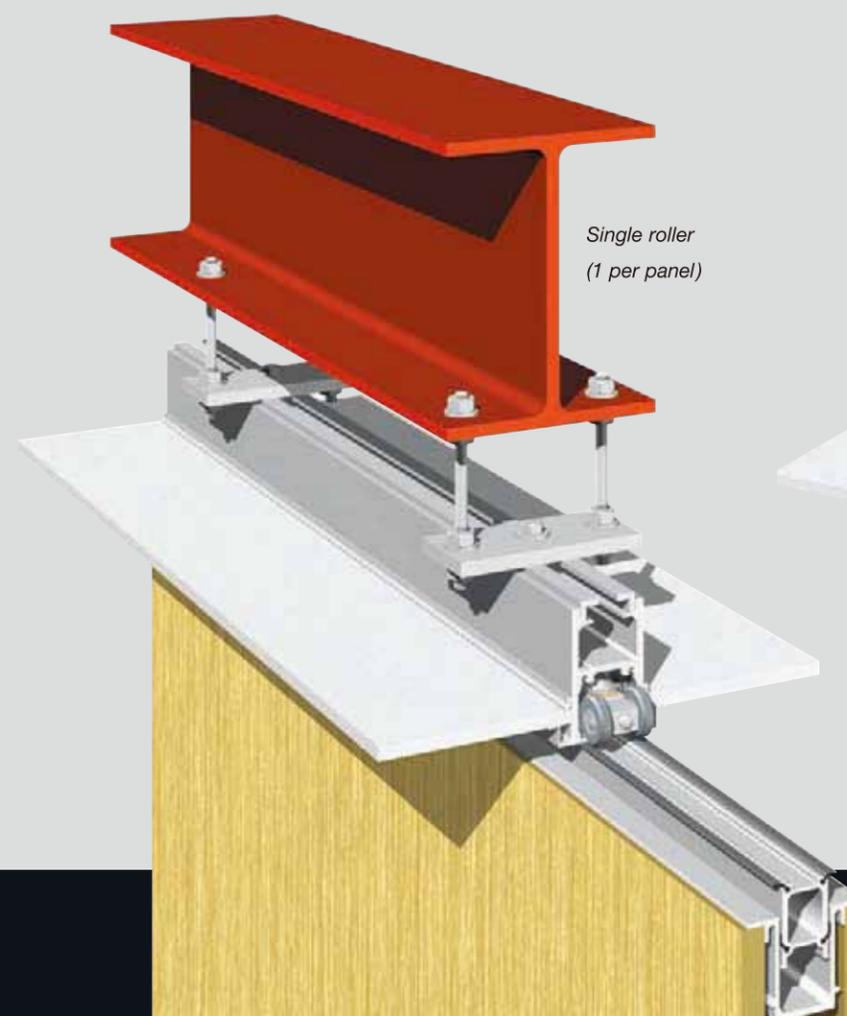
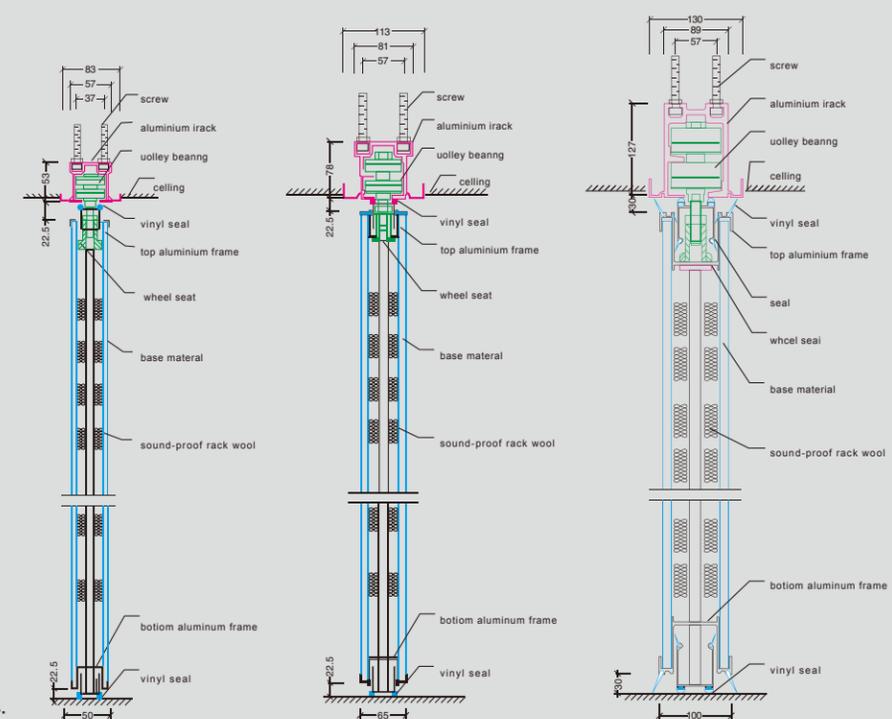
Panel options

There are 4 panel options; Type 50, Type 65, Type 80 and Type 100.

Type 100 has a concealed profile detail allowing the face finish to return around the edge of each panel.

Track Types

There are 2 track types. One for single roller installations and one for double rollers. Each panel option may have either track type.



MONO PARTITIONS



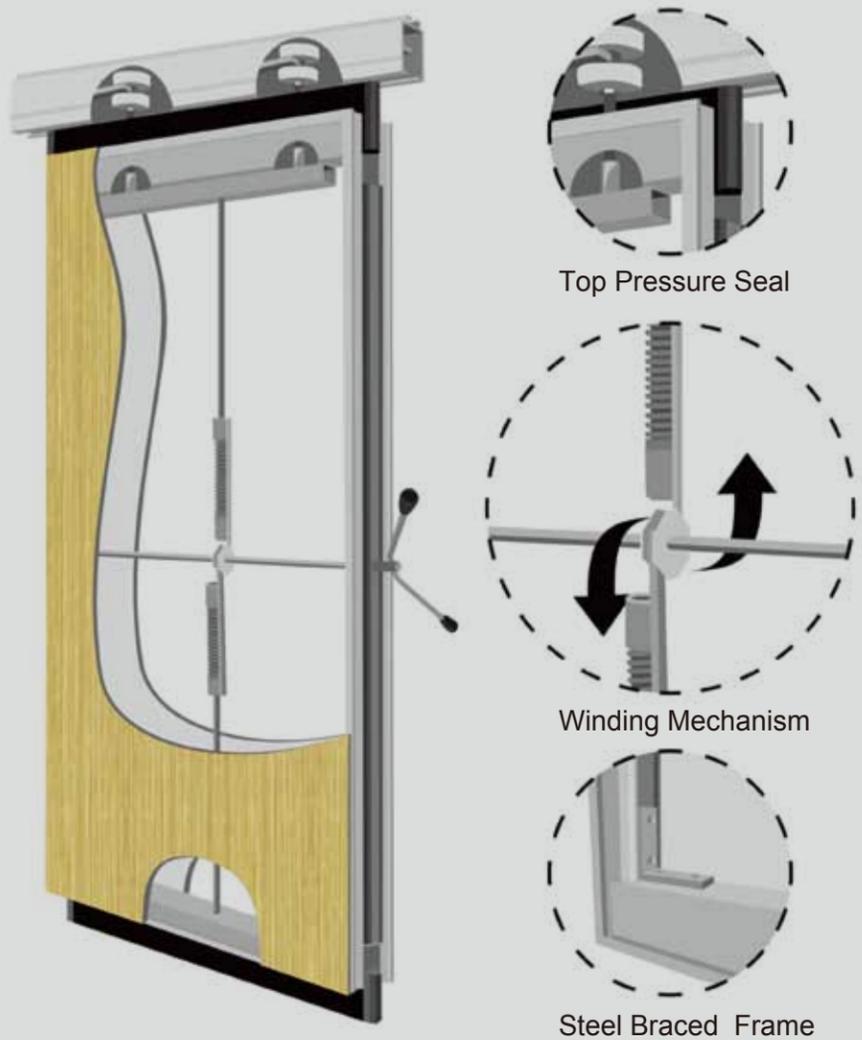
Panel sealing

Panel faces are suspended from a steel frame with just 2 points of contact. The edges of panel faces are slotted into aluminium profiles. This method of cladding the steel frame allows the panel faces to be acoustically separated from each other and thereby minimizes the transfer of sound waves through the system. Each panel has an extruded aluminium male profile to one vertical edge and a female profile to the other.

These profiles are fitted with magnetic membranes which ensure positive interlocking of the panels.

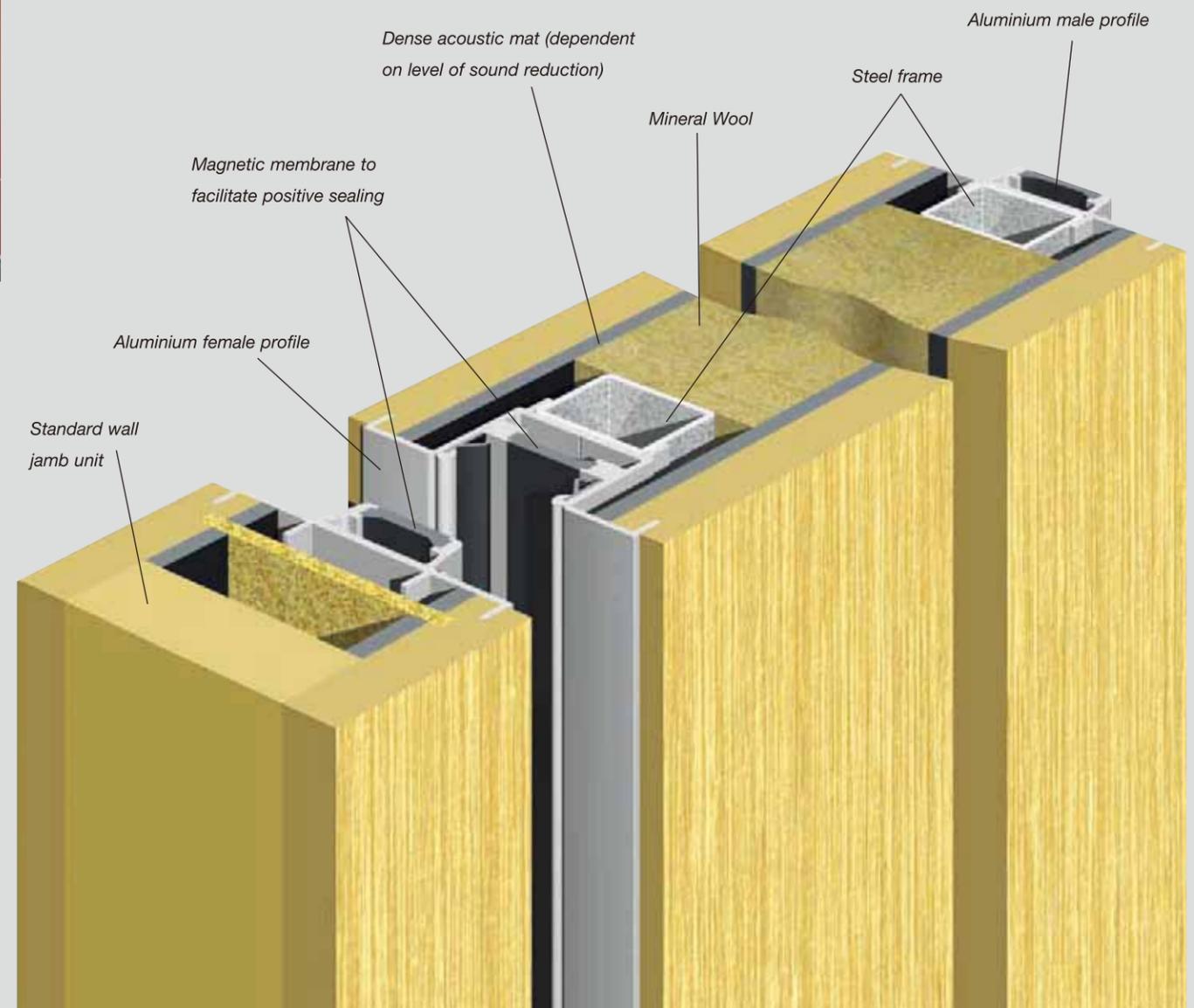
Once the wall panels have been adjusted for height and level the roller stems are locked with a fail-safe mechanism to ensure that the panels will align perfectly every time the wall is set up.

Pressure seals extend from the top and bottom of each panel exerting a closing pressure of 2kn providing panel stability and excellent acoustic sealing.



Features and benefits

- Feature&Benefit
- Braced and welded steel frame
- Magnetic male and female edge
- 2kn top and bottom seal pressure
- Up to 56dB sound reduction
- Choice of exposed or concealed edge profiles
- Demountable panel faces can be changed with ease
- Internal Frail-safe telescopic mechanism



Multi Partitions



Construction

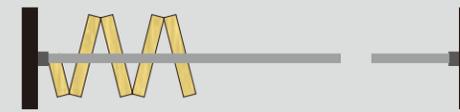
Panels are aluminium framed, faced with high density particle board and edged all round with anodised aluminium profiles. Vertical profiles incorporate compressible bulb seals. Horizontal

profiles incorporate sweep seals. Core materials include mineral wool and plasterboard. Profiles can be powder coated or anodised to customers choice of colour.

Operation

The emphasis here is on simplicity and smooth movement. The continuously hinged panels are pulled from their parked position to 'close' (or extend) the wall and pushed back to the parked position to 'open' (or fold) the wall. Final flat alignment of wall panels is assisted pneumatically by a gas piston located in

the top track. A lever or recess handle is fitted to the lead panel and this combined with a vertical rebated profile provides the system with its pass door. The door is available with or without a lock cylinder.



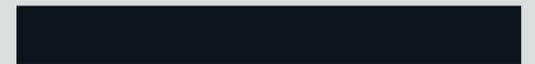
Centre-fold to one side



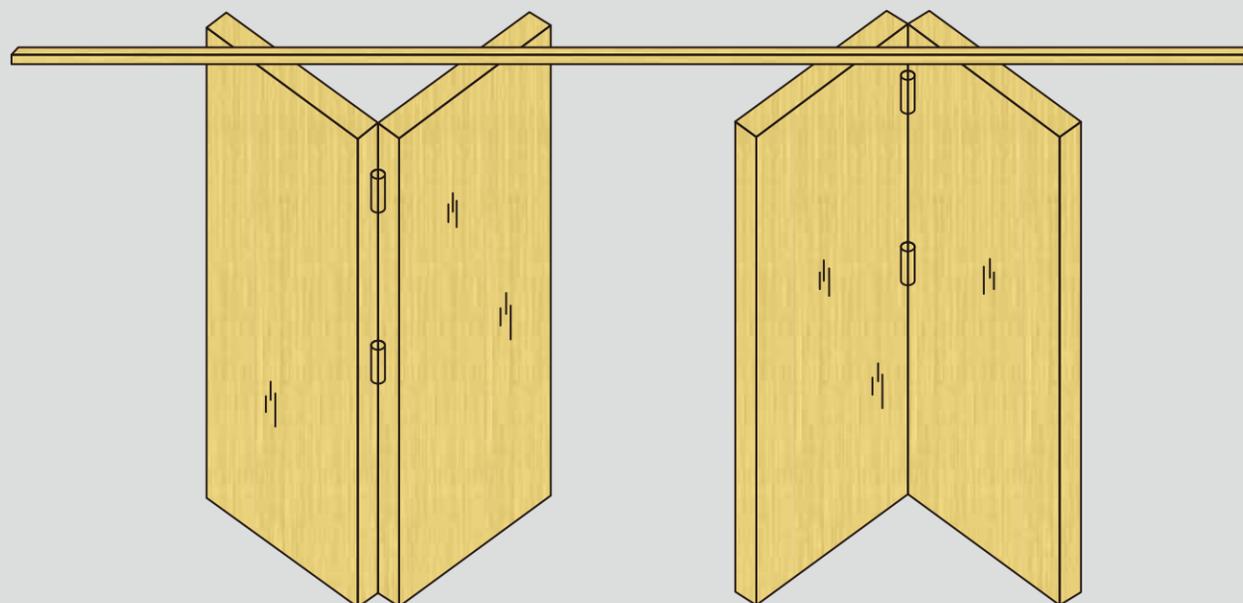
Centre-fold bi-parting



End folding to one side

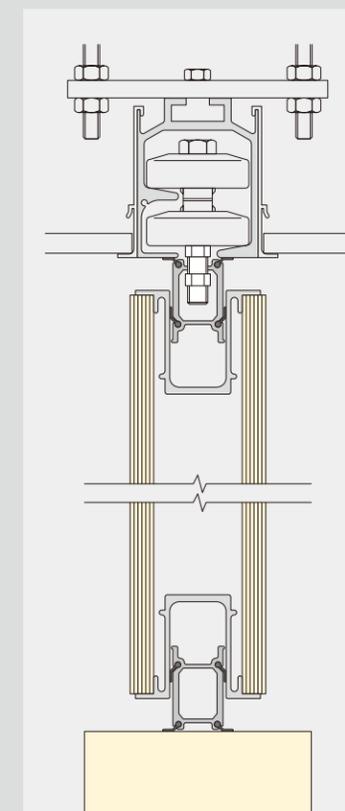


End folding bi-parting



Features and benefits

- Hinged Panels for quick and easy operation
- Robust aluminium frame construction for demanding environments
- Wide range of surface finishes
- Partial and fully glazed panels available
- Pass door incorporated enabling access to adjoining rooms
- Stacks one or both ends
- Top hung supported



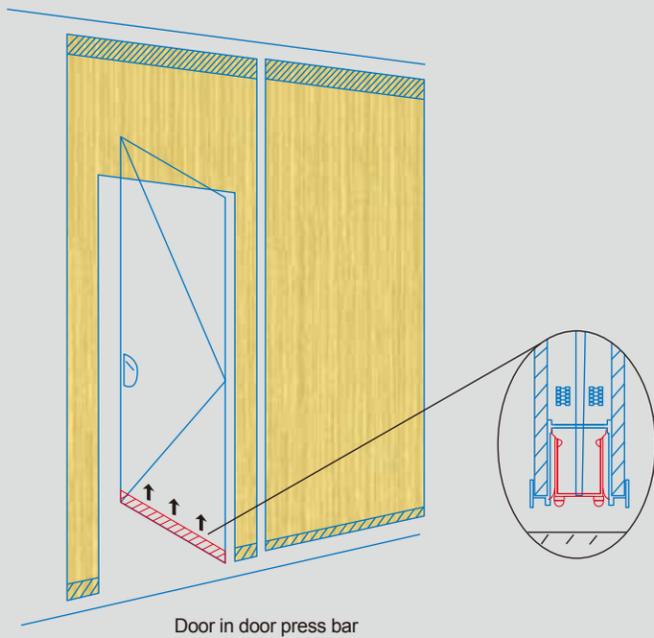
MONO PARTITIONS



PASS DOOR

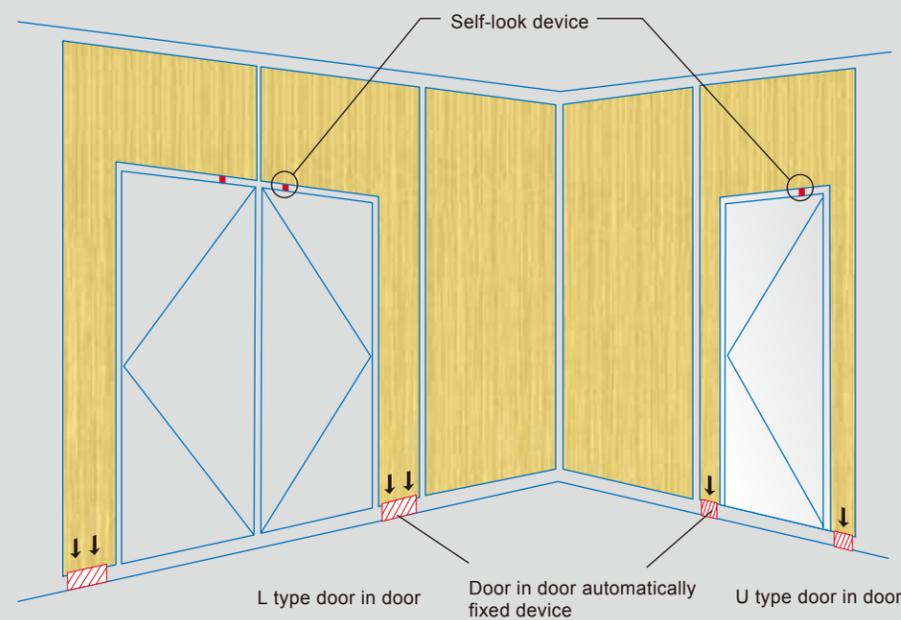
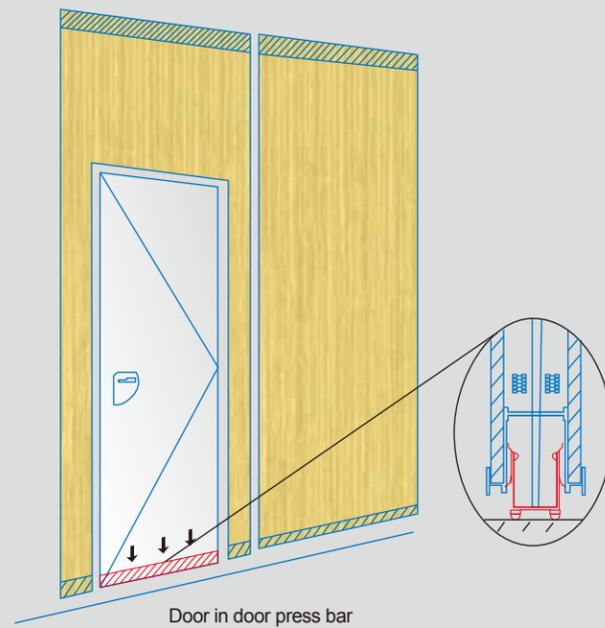


The press bar automatically conceals when the door is opened

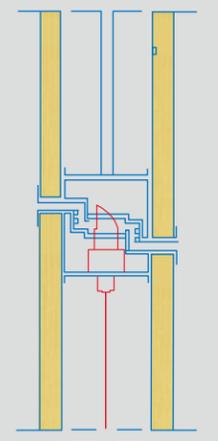


The sealing device onboard of the door-in-door can automatically open when the door is opened and automatically seal when the door is closed without handle operation needed providing customers with excellent sound insulation effect.

automatically presses down when the door is closed



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



self-lock device siruoturo

When the partition is running, the wicket is always at closing state for the guarantee of self-lock device so there will be no accident when the wicket is suddenly opened

Glazed Partition

MonoGlass

Operation

Panels can be hinged together or they can be moved individually allowing them to be packed wherever wanted. All panels are top hung without the need for a floor track. Fixed panels are also available.

The glass panels require only top and bottom profiles thereby maximizing the glass area. The profiles house the rollers and bolts for all the models in the range.

The aluminium profiles can be satin anodized powder coated in RAL colors, or sleeved in stainless steel. The design features a unique security bolt which is set manually and released automatically when the wall is returned to its parked position.

Glazed partition are made from mobile glass panels and are the ideal solution for teaching center and conference rooms and the division of waiting areas in airports and stations, entrance areas in banks, post offices and so on. The top and bottom locking and supporting edges of the door panels close along the whole width.

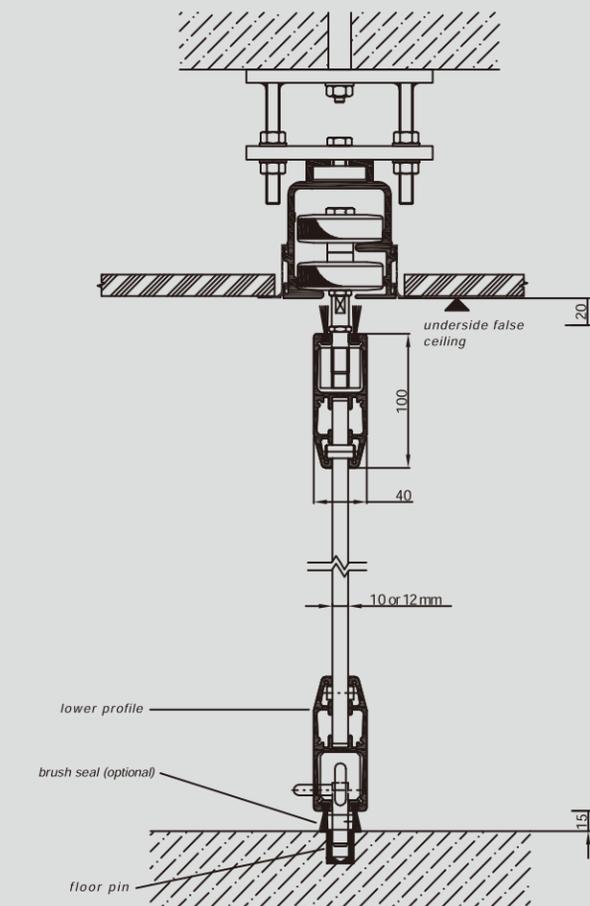
The structure is such that the glass need not be broken, rendering its life longer, and eventual repair work minimal. The covers for the top and bottom locking and supporting edges can be fixed using a clip. In this way surfaces are protected from both damage and scratching during assembly.

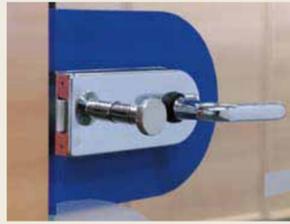
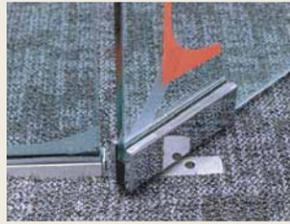
The sliding track is grooved, and with the correct screws it becomes possible to attach angle irons, for example for a false ceiling, without damaging the sliding track. The various surface finishes and wide range of colors ensure that the creativity employed will complement the architecture of the office perfectly.

The cover sheets are inter-changeable, allowing a new color scheme to be introduced at any moment. High-precision ball bearings guarantee a smooth slide and minimum sound, at a maximum weight of 150kg of the leaf. The various positioning possibilities of the panels (parallel/at 90° to the sliding track, or other) ensure that a solution is found to every requirement. The sliding track may be straight, curved or have a polygonal shape.

Features and benefits

- Top hung without the need for a floor track
- Smooth and easy operation
- Panels may be hinged together or moved individually
- Panels may be parked away from opening
- Bolts release automatically
- Combines elegance with strength and security
- Top and bottom profiles only for maximum glass area





neuwallglasswall Technical Specification

General description:

Non-loadbearing floor to ceiling system based on an aluminium framework with sound reducing panels, erected in a combination of single glazed panels.

Framework:

A pre-finished 25mm x 25mm aluminium head and floor channel.

Glazed module:

10mm – 12mm toughened safety glass depending on height required, held in by clear PVC gasket to head and floor channel.

Panel joint:

Dry clear PVC joint.

Manifestation:

A wide range of film and screen printing available as optional extra.

Module:

300mm – 1500mm maximum.

Height:

Up to 3000mm

Tolerance:

+ / - 5mm.

Thickness:

25mm overall.

Weight:

Approximately 25.00Kg/m³ for 10mm glass and 30.00Kg/m³ for 12mm glass.

Finishes:

Satin anodized or polyester powder coating to all exposed aluminium components available in a wide range of colours as standard.

Door units:

A combination of styles is available. Standard or full height frames in aluminium or timber fitted glass or timber veneered doors, together with frameless standard height glass doors with overpanel or full height glass doors.

Door furniture:

Wide range of fittings available.

Skirting:

25mm

Spread of flame:

Class 'O' to comply with the Building Regulations 1991.

Fire resistance:

Nil.

Acoustic performance:

A glass module with 10mm glass will achieve up to 32 Rw db on site prevailing conditions. A glass module with 12mm glass will achieve up to 33 Rw db on site prevailing conditions.

Strength and robustness

Depending on glass thickness and height. Data sheet available on request.

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Door

With a combination of frameless glazed pivot doors euwall glass doors together with veneer timber doorsets in wood or steel doorframes the options for the designer are endless.

neuwall

PARTITIONING SOLUTIONS

