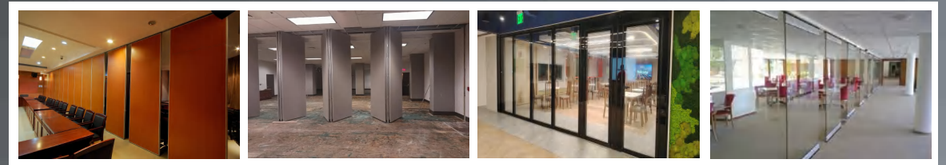
NeuwallX
Create Your X Space

Operable Partition Wall



Movable Partition Wall

Movable Glass Wall

Semi-automatic Partition Wall

Automatic Partition Wall

CREAT FLEXIBLE SPACE

NeuwallX
Create Your X Space

NEUWALL INDUSTRIAL CO.,LTD

Movable Wall/Movable Glass Wall/Auto Partition Wall

Add:Zhongyi Industrial Zone,Panyu,Guangzhou,China

Contact Phone:+86 15901822516 Whatsapp:+86 15901822516

www.neuwall.com jerry@neuwall.com

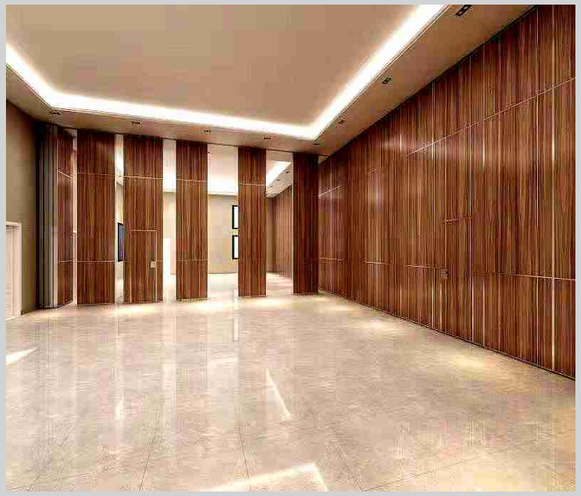


About Us

Founded in 2009, Neuwall, is headquartered in Shanghai, China. Neuwall, was developed from NEUWALL INDUSTRIAL CO.,LTD 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 NW821, NW835, NW840, and Ultra-high Partition Wall targeting large organizations in the world that required the flexibility to quickly and efficiently reconfigure their office environments.

Company Background

Neuwall, affiliated NEUWALL INDUSTRIAL , 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

Product Selector

pages



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 - 16



Project Case

17



Technical Information

18

MONO PARTITIONS



Conference Room

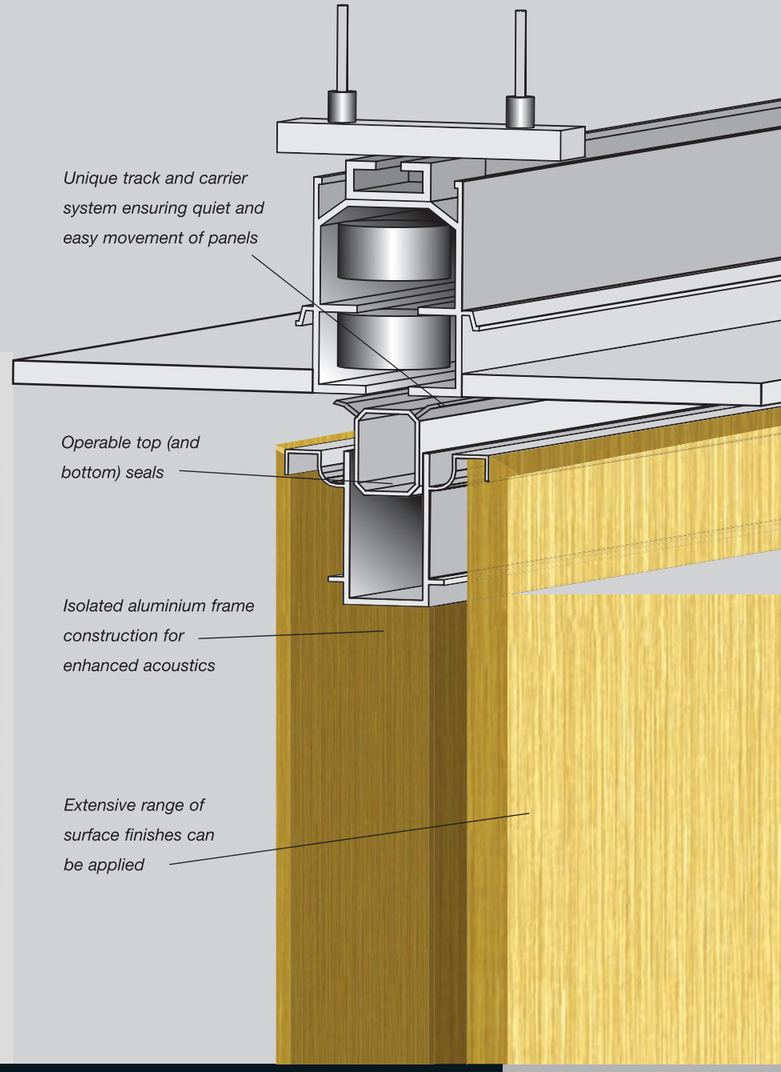
The movable wall system is tongue-and-groove unitized panel system. Panels are precision laminated, pre-finished with vinyl, fabric or other specified finish. All vertical and horizontal structural members consist of extruded aluminum components, with a snap-on base made of extruded vinyl. Panels lift 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.

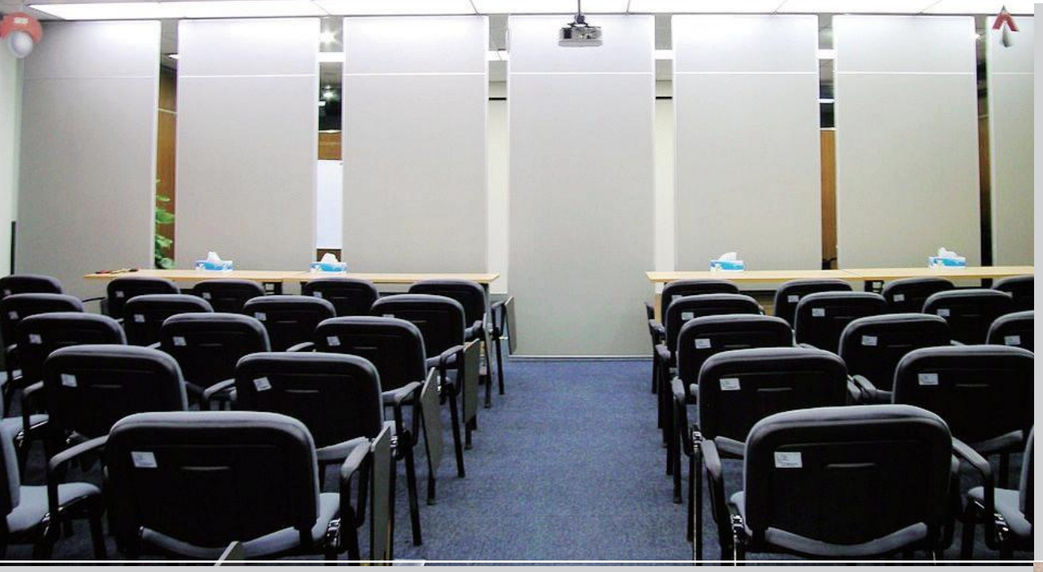


Features & Benefit

- *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.ll.*







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.

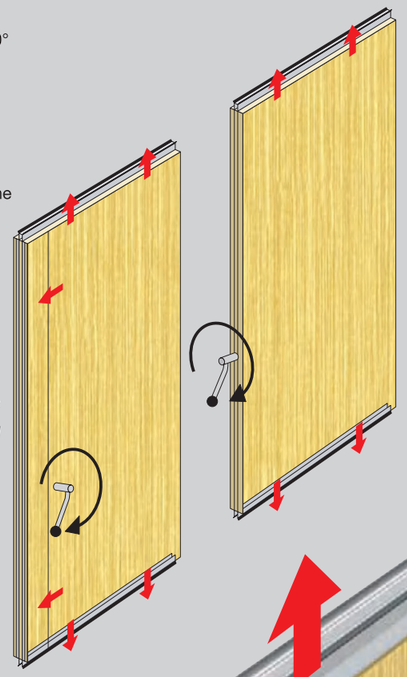
Once a panel is positioned, acoustic integrity is maintained along the top and bottom of the panel by extending pressure seals.

The pressure seals are extended and retracted by a single 180° turn of a removable operating handle.

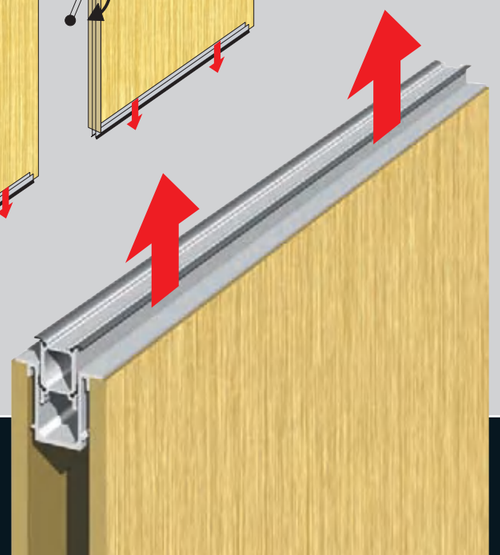
Final closure of the wall is achieved by extending a telescopic sleeve on the last panel. This action simultaneously extends the top and bottom seals.



Telescopic sleeve panel



Pressure seal operation

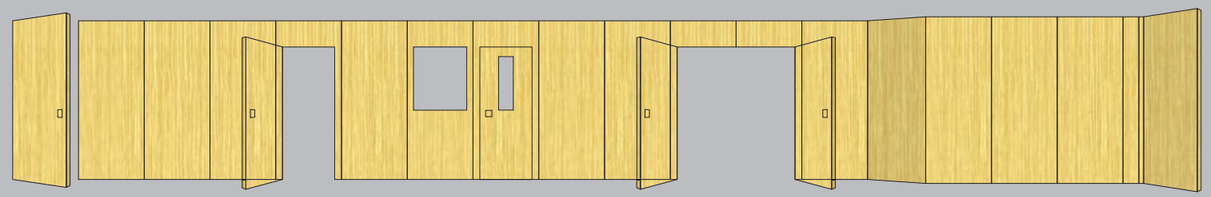


Bespoke solutions

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.







Illustrated above are some of the special features offered

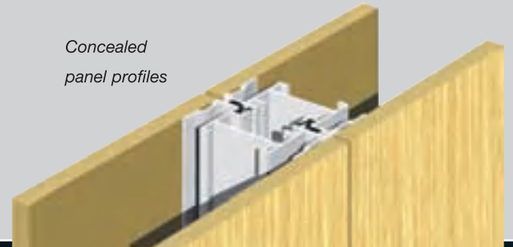
Construction

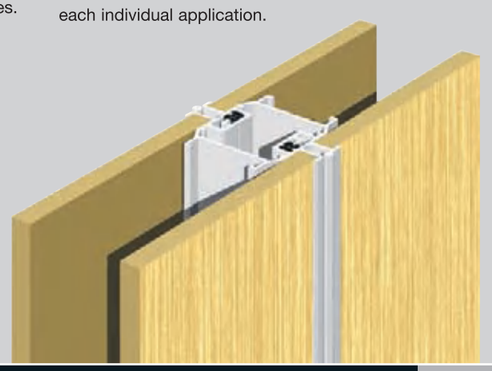
Wall panels are of double skin construction with a robust internal aluminium frame. The panel faces are not ‘hard’ fixed to the frame and therefore when sound waves ‘hit’ one side of the wall the vibration caused is not directly transferred to the opposite face. Aluminium edge profiles may be CONCEALED,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

Monoplan

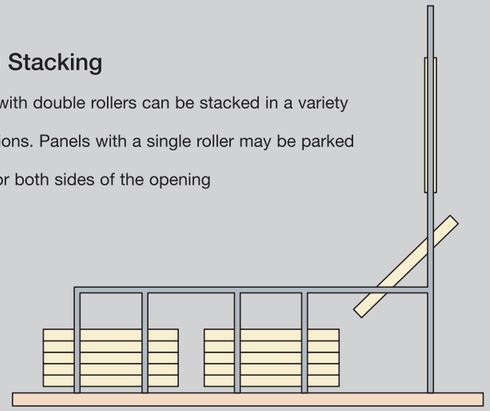
MONO PARTITIONS



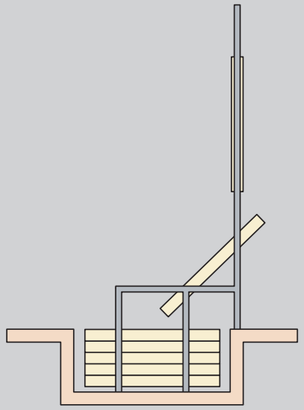
4.8m high movable wall with wood veneer surface finish

Panel Stacking

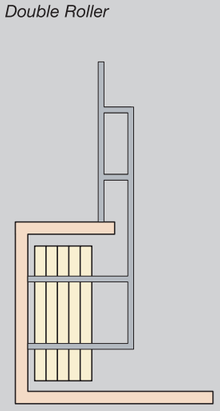
Panels with double rollers can be stacked in a variety of positions. Panels with a single roller may be parked to one or both sides of the opening



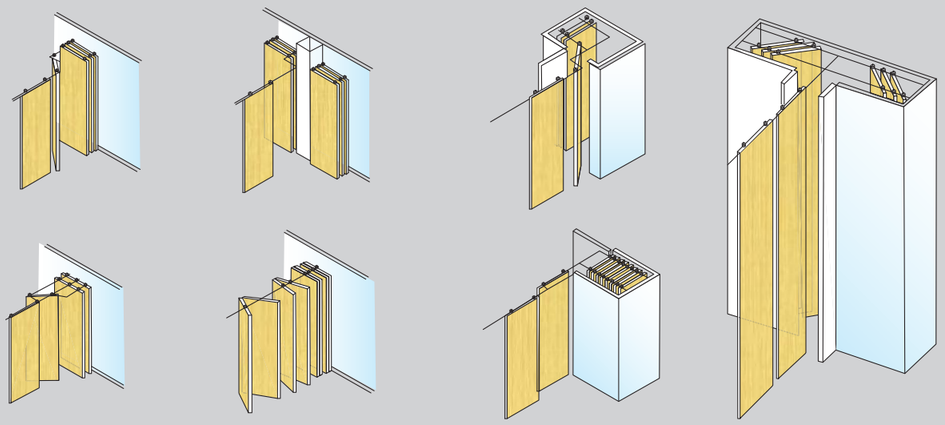
Double Roller



Double Roller



Double Roller



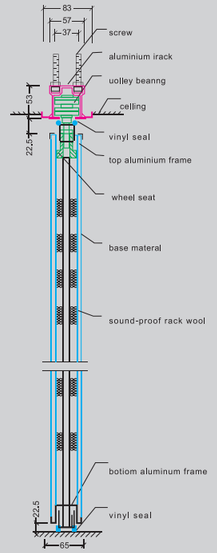
Panel options

There are 4 panel options; NW821, NW835, NW840 and Ultra-high

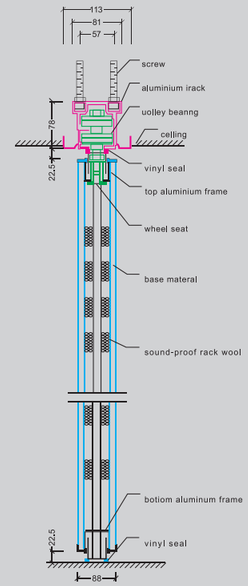
NW840 has a concealed profile detail allowing the face finish to return around the edge of each panel.

Track Types

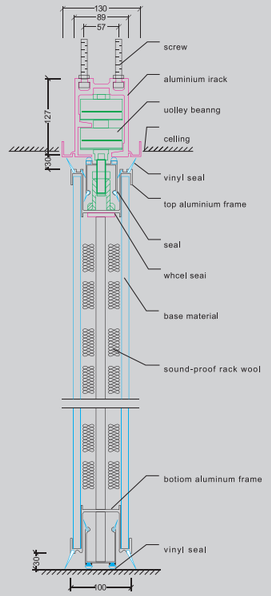
There are 2 track types. One for single roller installations and one for double rollers. Each panel option may have either track type.



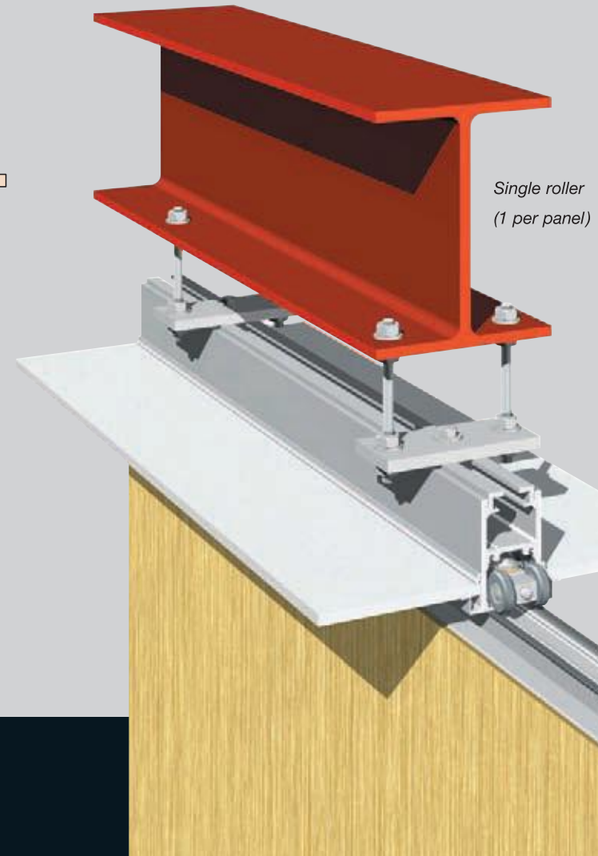
NW821



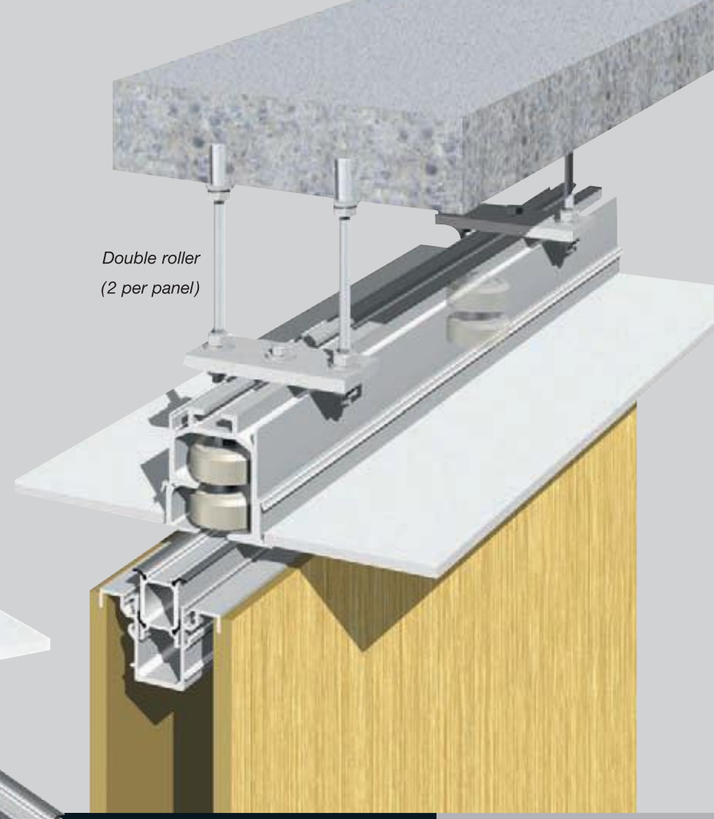
NW835



NW840



Single roller
(1 per panel)



Double roller
(2 per panel)



MONO PARTITIONS



Top&bottom retractable seals,extending 50mm

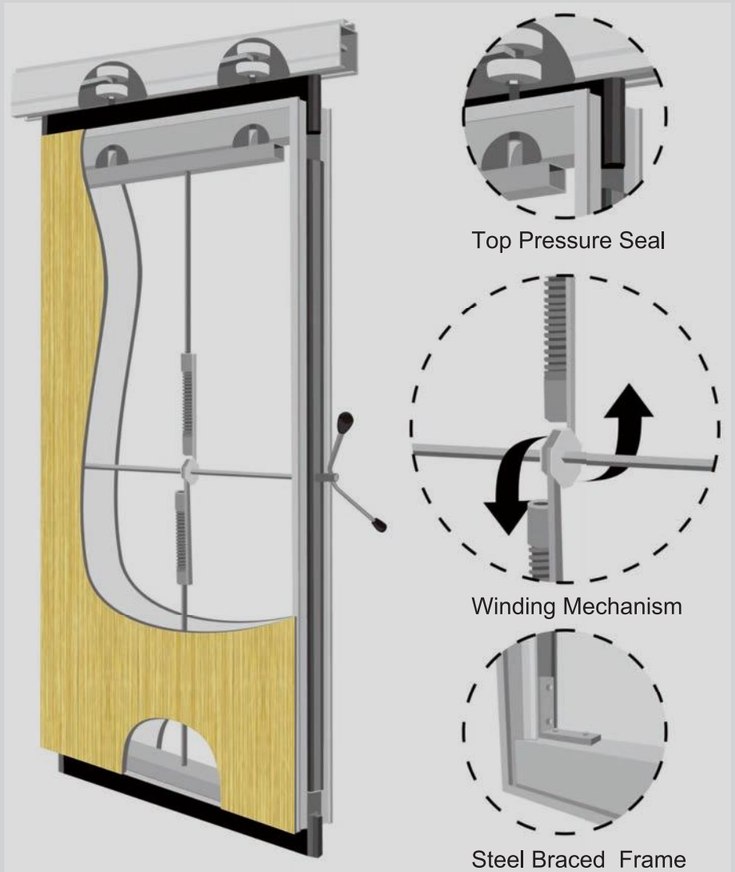
Panel sealing

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.

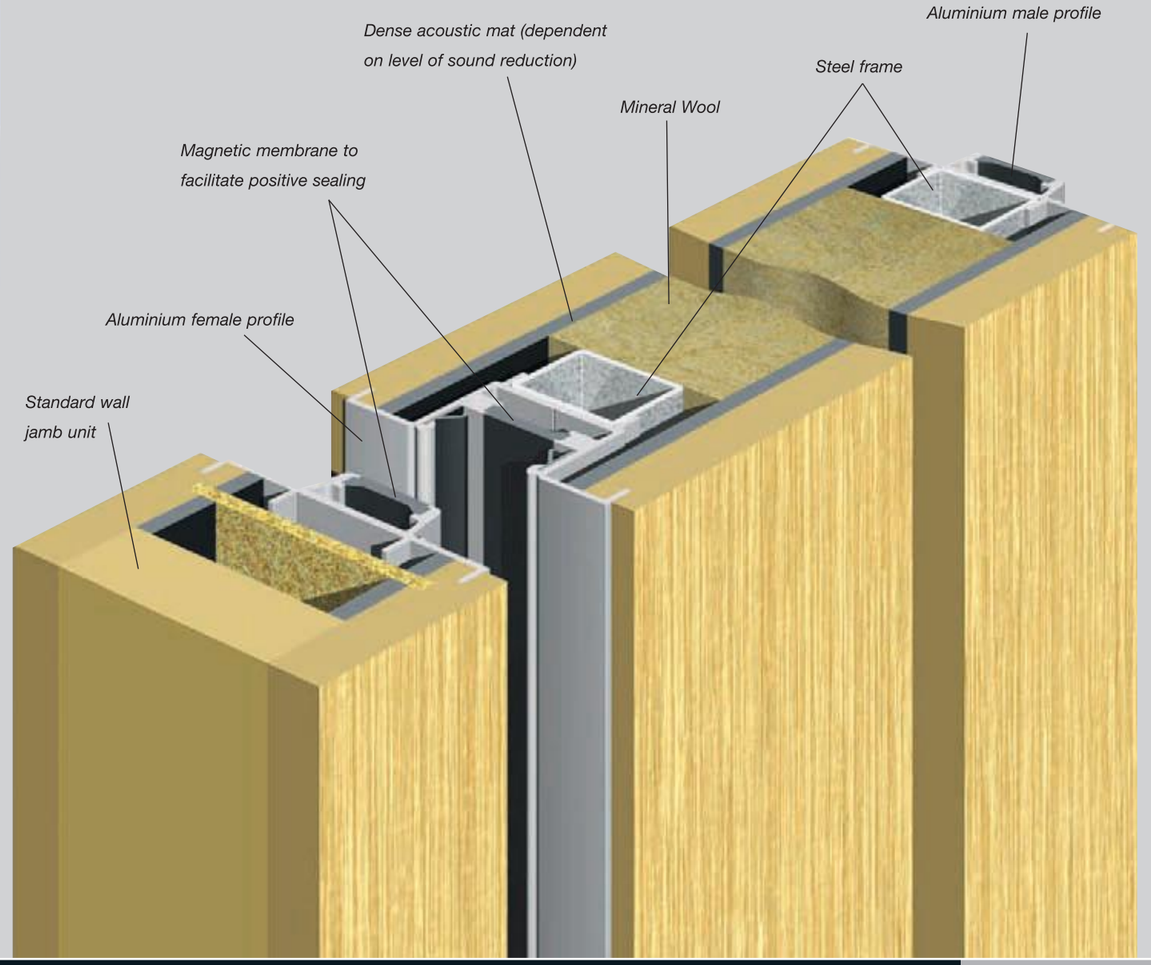
Pressure seals extend from the top and bottom of each panel exerting a closing pressure of 2kn providing panel stability and excellent acoustic sealing.





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



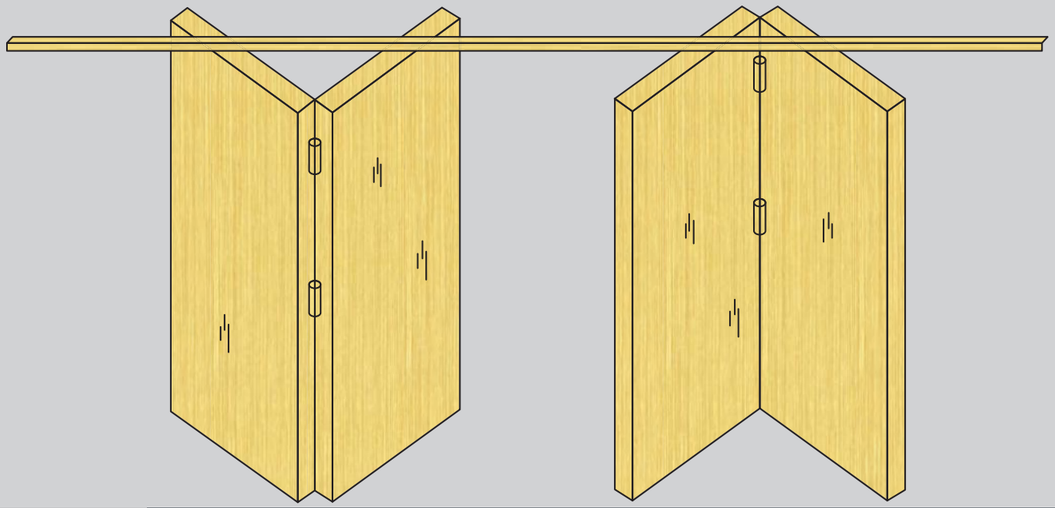
Multi Partitions



Operable wall with paired hinged panels

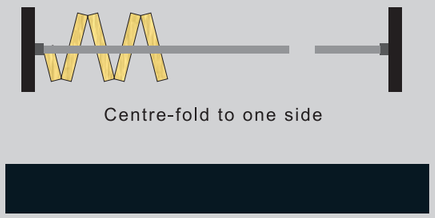
Construction

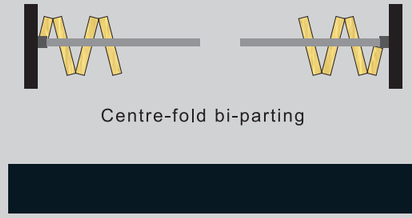
Panels are aluminium framed, faced with high density particle board and edged all round with anodised aluminium profiles. Vertical profiles incorporate compressible bulb seals. Horizontal profiles incorporate sweep seals. Core materials include mineral wool and plasterboard. Profiles can be powder coated 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.



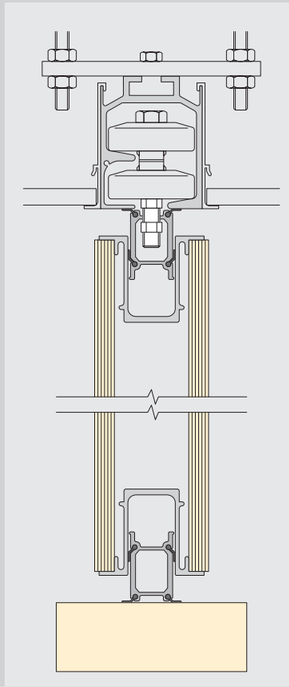






Features and benefits

- 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





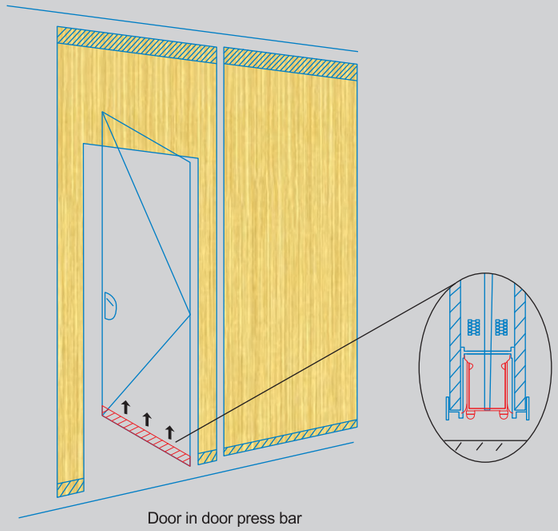


MONO PARTITIONS

PASS DOOR

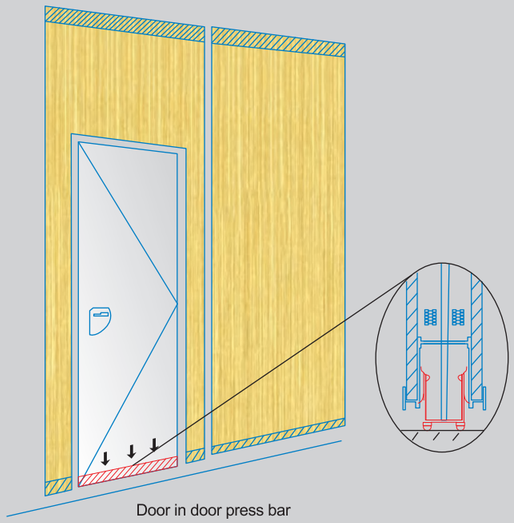


The press bar automatically conceals when the door is opened



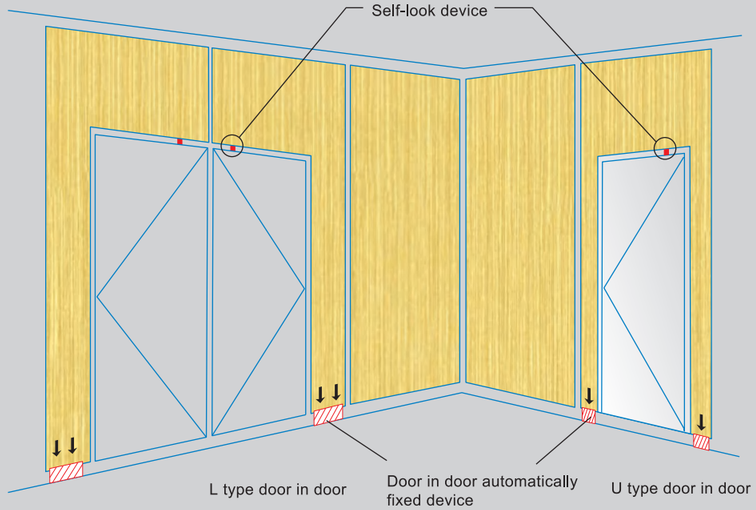
Door in door press bar

automatically presses down when the door is closed

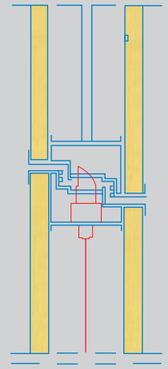


Door in door press bar

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.



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

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

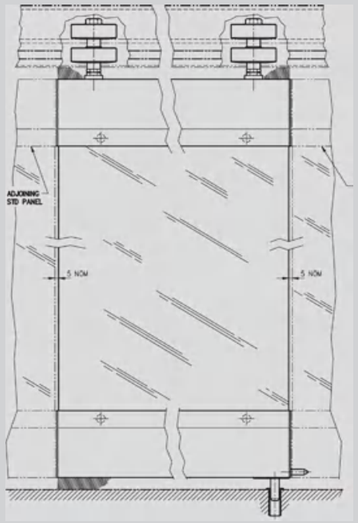
MonoGlass



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.



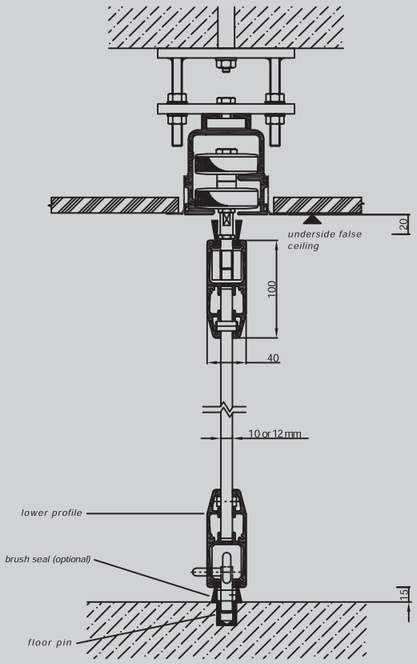
The aluminium profiles can be satin anodized powder coated in RAL colors, or sleeved in stainless steel. The design features a unique security bolt which is set manually and released automatically when the wall is returned to its parked position.

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

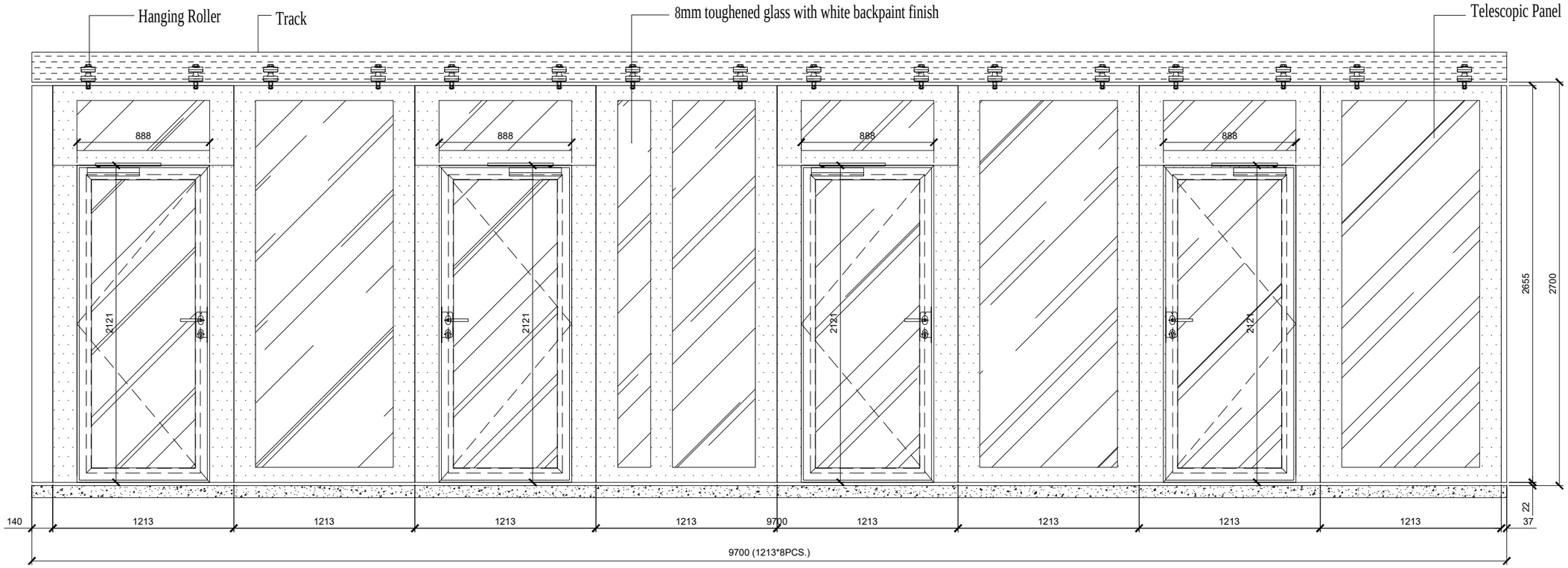
- Top hung without the need for a floor track
- Smooth and easy operation
- Panels may be hinged together or moved individually
- Panels may be parked away from opening
- Bolts release automatically
- Combines elegance with strength and security
- Top and bottom profiles only for maximum glass area

OPERABLE GLASS WALL MODEL:NG80-B

TRACK SYSTE:	#6063 Aluminum
TRACK FINISH:	Clear Anodized
PANEL FRAME FINISH:	Clear Anodized,White or Black Powder Coating
PANEL FACE:	Double Glazed,8mm+8mm Toughened Clear Glass 60mm White or Black Border Around perimeter
GLASS:	Clear Glass OR Ultra-clear Glass
PANEL TRIM:	Aluminum Frame
STC:	Rw 44dB
TOP SEAL:	23mm Retractable Seal
BOTTOM SEALS:	22mm Retractable Seal
CLOSURE SYSTEM:	Telescopic Panel

GENERAL NOTES:

1. In order to be able to operate the operable partition in the best possible manner, general contractor will make sure that the variation in floor levels along the center line of the partition and within 30"(762mm) on each side of the partition center line will not exceed 1 /8"(3mm) in 12'-0"(300mm). The maximum allowable variation from one end of the opening to the other will not exceed 1 "(25mm).
2. No obstruction shall be left within 30"(762mm) on both sides of installation center line of ceiling, floor and walls.
3. Manufacturer recommends that all hanger rods be accessible for future adjustments.
4. Lateral bracing of track system may be required by seismic codes (by G.C.). Refer to Structural Engineer. At a minimum, lateral bracing is recommended to stabilize the track system to avoid possible damage to ceiling components due to motion in the track system resulting from normal panel operation.
5. General contractor shall provide solid blocking at both ends of operable partition.
6. When applicable, and unless otherwise specified, outside faces of pocket door will be the same finish as the panels.
7. Verify all dimensions in field.

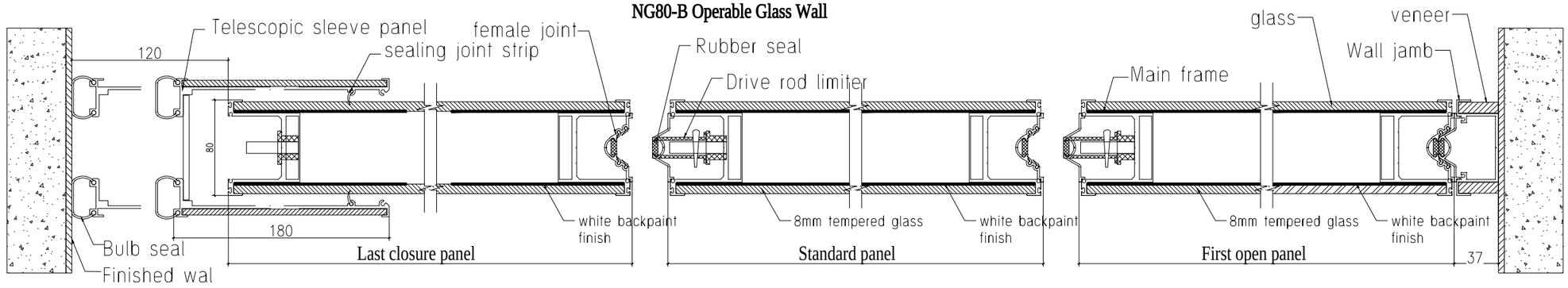


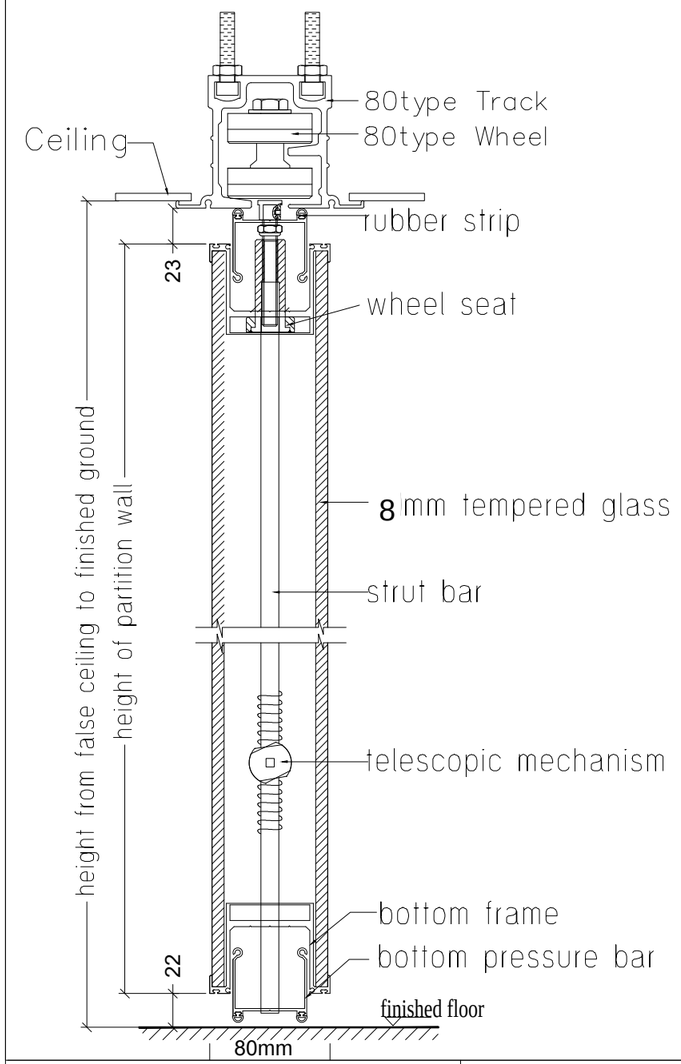
A QD-01 OPERABLE GLASS WALL ELEVATION

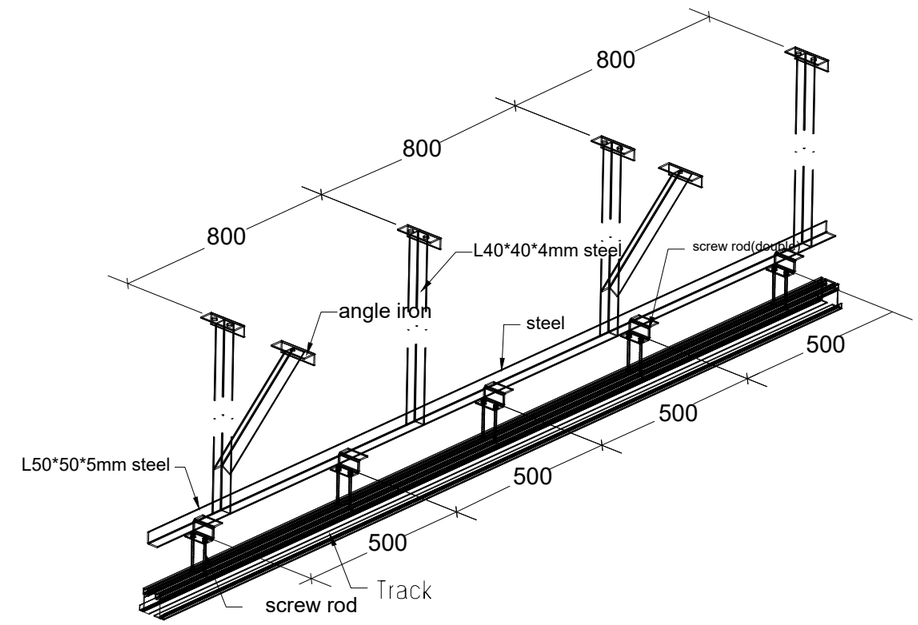
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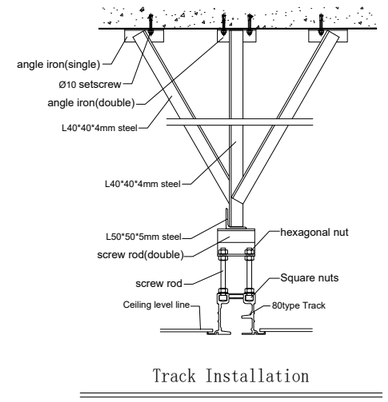
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NG80-B Operable Glass Wall

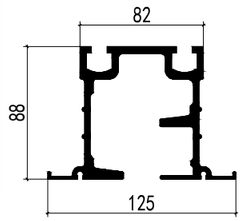




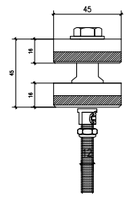




Track Installation



NG-80 Track



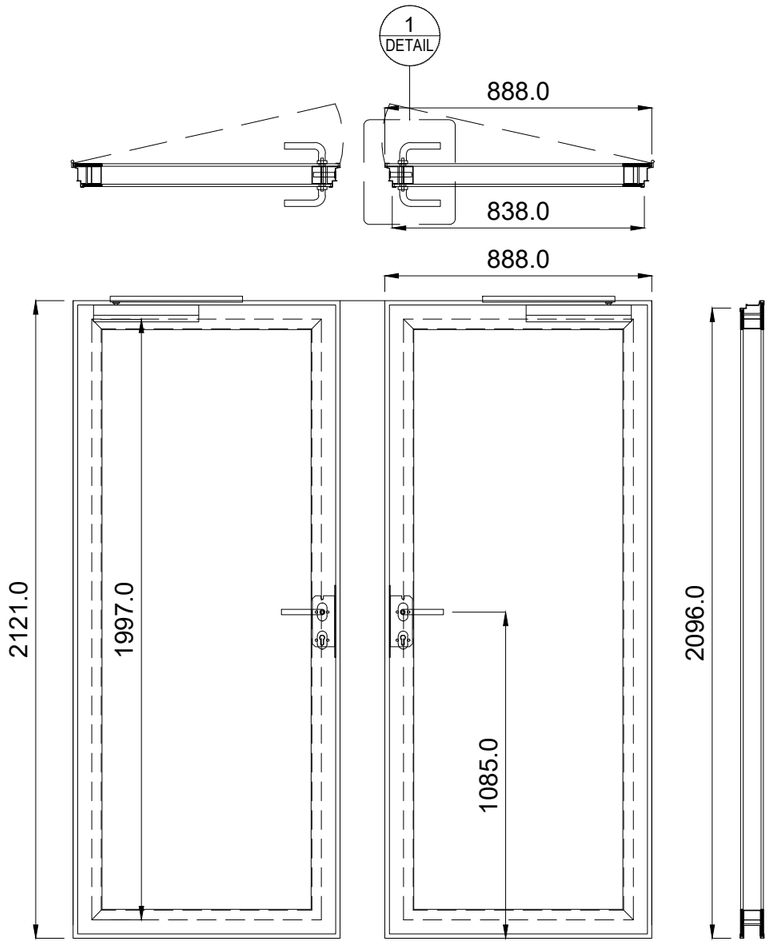
NG-80 Roller

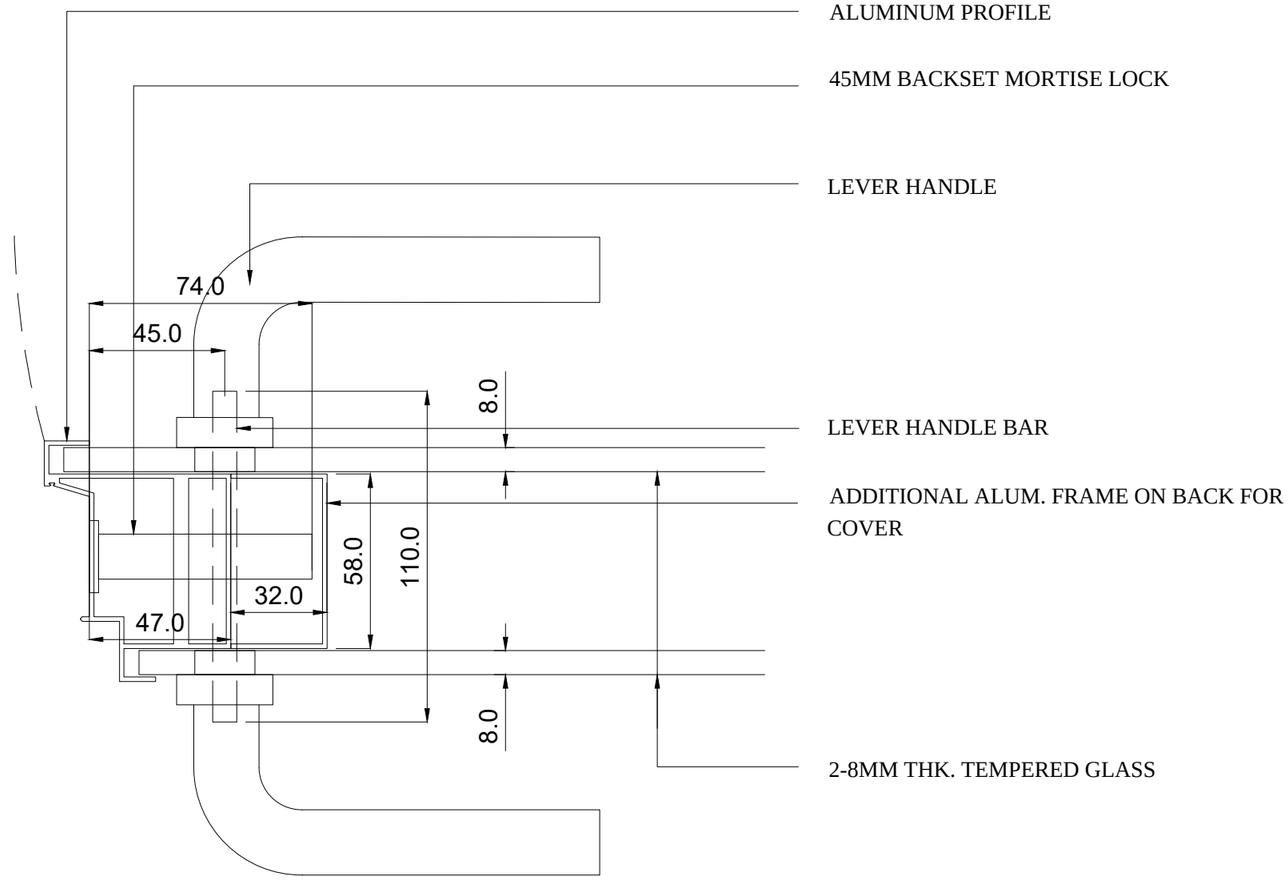
A OD-01A OPERABLE GLASS WALL DETAIL

NTS

NeuwallX
Create Your X Space

ARCHITECT:	OWNER:	PROJECT TITLE:	SHEET CONTENTS:		SHEET NO.:
PRC Reg. : Date :		LOCATION:	AS SHOWN		REVISION NO.:
PTR No. : Place :					
IAPOA No. : TIN No.:					

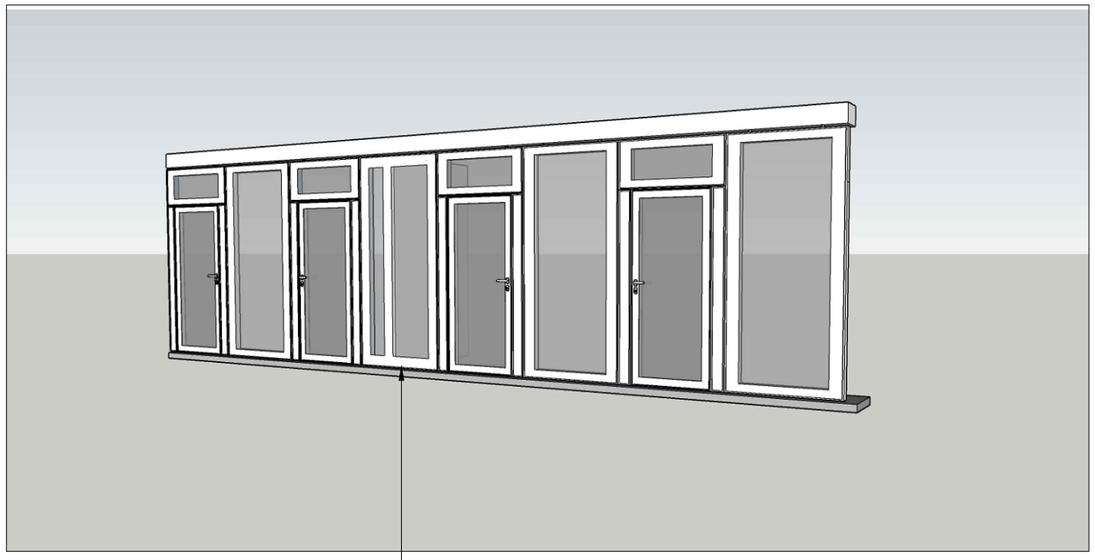


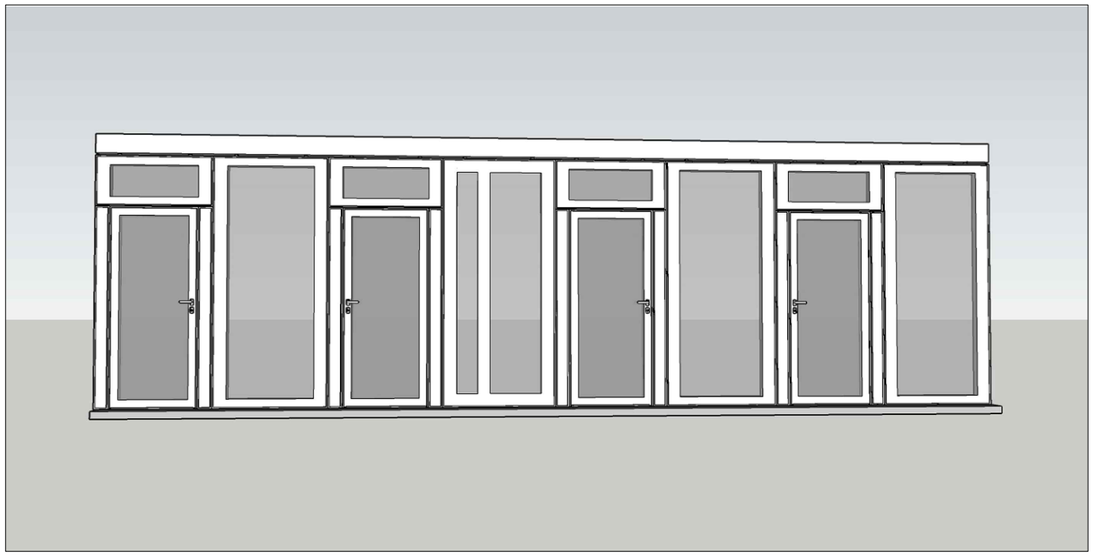


DETAIL 1

A
OD-01
OPERABLE DOOR ELEVATION
SCALE: 1:25

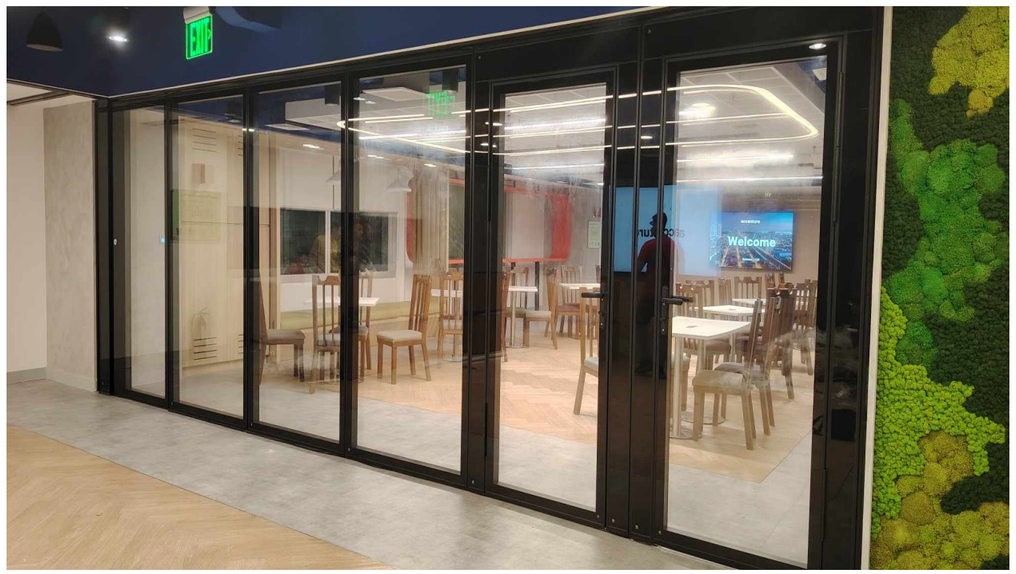
NeuwallX Create Your X Space	ARCHITECT: ARCHITECT; PRC Reg. : Date : ; PTR No. : Place : ; IAPOA No. : TIN No.:	OWNER:	PROJECT TITLE:	SHEET CONTENTS: AS SHOWN	IMPORTANT:	DESIGNED BY: N; REVISED BY: ; DRAWN BY: VDC- JCF; CHECKED BY:	SHEET NO.: ; REVISION NO.:





60MM WHITE BACKPAINTED ON GLASS

PERSPECTIVE DRAWING



Operable Glass Wall ,Black coating frame and 60mm black coating around perimeter of glass

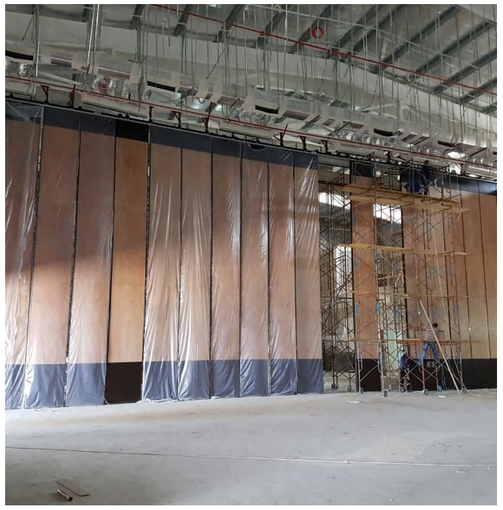


Operable Glass Wall ,White coating frame and 60mm white coating around perimeter of glass

NeuwallX
Create Your X Space

ARCHITECT:	OWNER:	PROJECT TITLE:	SHEET CONTENTS:	IMPORTANT:	DESIGNED BY:	SHEET NO.:
ARCHITECT PRC Reg. : Date : PTR No. : Place : IAPOA No. : TIN No.:			AS SHOWN		REVISED BY: CHECKED BY:	REVISION NO.:

PROJECT CASE



Multi-purpose Hall For Bahrain Defence Force(9m High)



National Gymnastics Arena,Baku,Azerbaijan(16.54m High)



Call Center In PH



School In Sydney, Austrialia





Church in Hongkong_Fabric Finish

Technical Information

TYPE	NW831	NW840	NW840-W
Panel suspension	Top hung only	Top hung only	Top hung only
Track system	Single or twin point	Single or twin point	Single or twin point
Panel thickness	80mm	100mm	92mm OR 100mm
Panel height	Up to 4000mm	Up to 6000mm,Heights greater than 6000mm refer to ultra-high Model	
Max height	4000mm with heavy duty track	6000mm with heavy duty track	18000mm with heavy duty track
Panel width	600-1200mm	600-1200mm	600-1200mm
Frame construction	Aluminium,anodised	Aluminium,Anonized	steel
Bottom face material	9mm MDF	13mm MDF	13mm MDF
Fire safety	optional Class I or O	optional Class I or O	optional Class I or O
Vertical profiles	Aluminium,anodised with sealing profiles,color powder coating-optional	Aluminium,anodized with sealing profiles,color powder coating-optional	Aluminium,Anodized, Exposed edge or Concealed edge with seals
Retractable seals	Aluminium,black with double rubber seals	Aluminium,black with double rubber seals	Aluminium,black with double rubber seals
Operation of seals	Manual,with supplied operating lever	Manual,with supplied operating lever	Manual,with supplied operating handle/Semi/Auto as option
Locking	Optional lock to pass doors	Optional lock to pass doors	Optional lock to pass doors
Passdoors	single door or double in panel or fixed full height	single or double door in panel or fixed full height	single or double door in panel or fixed full height
Sound insulation	40,43,45dB Rw	45,48,50dB Rw	50,53,55dB Rw
Weight	Approx 38-40kg /sqm	Approx 40-45kg/sqm	Approx 48-52kg/sqm

Note:Full automated Operable Wall and Semi-Auto Operable Wall are available for NW840-W ONLY