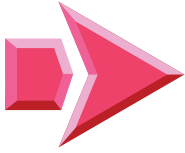


**Acoustic
Products**



**Movable Walls
Acoustic Panels**



**m o v i n g
w a l l s**

f l e x i b l e s p a c e s o l u t i o n s

**Acoustic
Products**



**Movable Walls
Acoustic Panels**

space solutions

**manage your space to
its maximum capacity**

Acoustic Products offer an unrivalled portfolio of well engineered movable walls designed and manufactured in the UK. Quality of the product can be illustrated by the number of successful projects completed for a wide cross section of commercial, residential and public sector clients.

Movable walls are specified where functional space delineation is an integral element within the partition project. Due to their flexibility and cost effectiveness they allow large rooms to be conveniently sub-divided to maximise space utilisation. Principle applications include office interiors, meeting rooms, sports and leisure facilities, schools, colleges, churches, conference and function suites, exhibition centres, banks, restaurants and residential property.

Acoustic Products supply value for money products with a one year warranty on all the outstanding ranges illustrated in this brochure. They offer a complete service package covering site surveys, CAD technical drawings, and quotation presentation. Emphasis is placed on quality assurance backed by a comprehensive after sales service.

www.acoustic-products.co.uk





ACOUSTIC | OPERABLE SYSTEMS

Acoustic systems, the highest specification movable wall available, are designed to cover every conceivable application where sound reduction is a necessary criteria. Several options are available with either exposed protective edge or concealed profiles. The systems comprise of individual panels suspended from a top track only and each panel has top and bottom retractable seals that lock between track and floor. Operation of seals is performed by a quick and easy 90° turn and a variety of stacking arrangements are available to ensure the best use of valuable space. Pass doors can be fitted if required. Sound ratings can be met from Rw 37 to 53dB. On request independent acoustic consultants are used to determine the actual sound attenuation of the wall after fitting on site.

Finishes can incorporate routed grooves or applied mouldings and are available in hardwood veneers, vinyl, melamine, laminate or spray painted. Some finishes can be provided with Class I or Class 0 Fire Ratings.



MULTIFOLD | SLIDING SYSTEMS

Multifold operable wall systems are hinged, sliding panel systems specified for floor track fitting with an optional top hung system available.

This range is designed for rooms where multiple uses and rapid layout changes are required. The aluminium edged profiles to the vertical side of each panel are fitted with rubber box seals to ensure an airtight closure between panels and a reasonable level of sound reduction is achieved from the use of bubble seals at the top and bottom of the panels.

The folding configurations are tailored to the client's individual requirements and can stack at one or both ends, either in the centre or offset. The system can incorporate routed grooves, to provide the appearance of dado rails or skirting, and as with the Acoustic range a variety of finishes are available, some of which can be provided with Class I or Class 0 Fire Ratings.





GLAZED | SYSTEMS

Glazed systems are an increasingly popular and attractive sliding/folding partition option. The fully glazed screens are a fresh, modern and exciting way of providing effective space division without visually sectioning off areas. They are ideal for shopping malls, leisure centres, schools, offices, golf clubs, restaurants and banks. Glazed movable walls comprise of individual panels supported from a heavy duty head track. Panels either stack to one side or are bi-parting.

Swing doors or full height pass doors are available. The GS 35 single glazed system is manufactured with anodised or powder coated aluminium top and bottom rails. The GS 100 double glazed system comes complete with a painted frit/border to the panel edge and integral blinds can be incorporated where required. Film, etched, or sand blasted manifestations can be applied to suit customers artwork. Sound reduction has been achieved on site up to 35dB.





CONCERTINA | FOLDING SYSTEMS

For those looking for an economic means of dividing rooms to create more usable space the Concertina range of fabric vinyl partition walls provides the ideal solution.

Concertina partition systems are top hung with no floor rails and can be supplied as either single or bi-parting units. They can be stacked to one end or both ends (bi-parting) as required and are purpose made providing varying levels of acoustic performance from 15 to 32dB, with flame retardant options and a wide selection of colour choices.

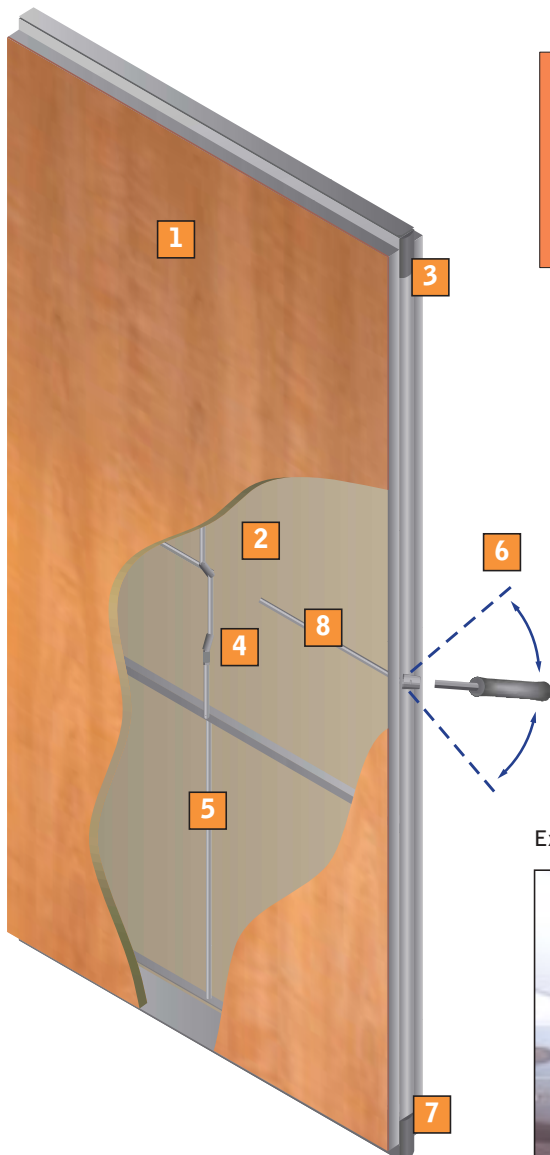
The Concertina folding wall is often selected where budget is a primary factor and is particularly suitable for use in schools, leisure centres, nurseries, hospitals and church or village halls. The versatile system can be quickly and easily operated to provide division of room space for meetings, events or activities allowing separate areas to be used without disturbance from each other or opening up to one large room when needed.



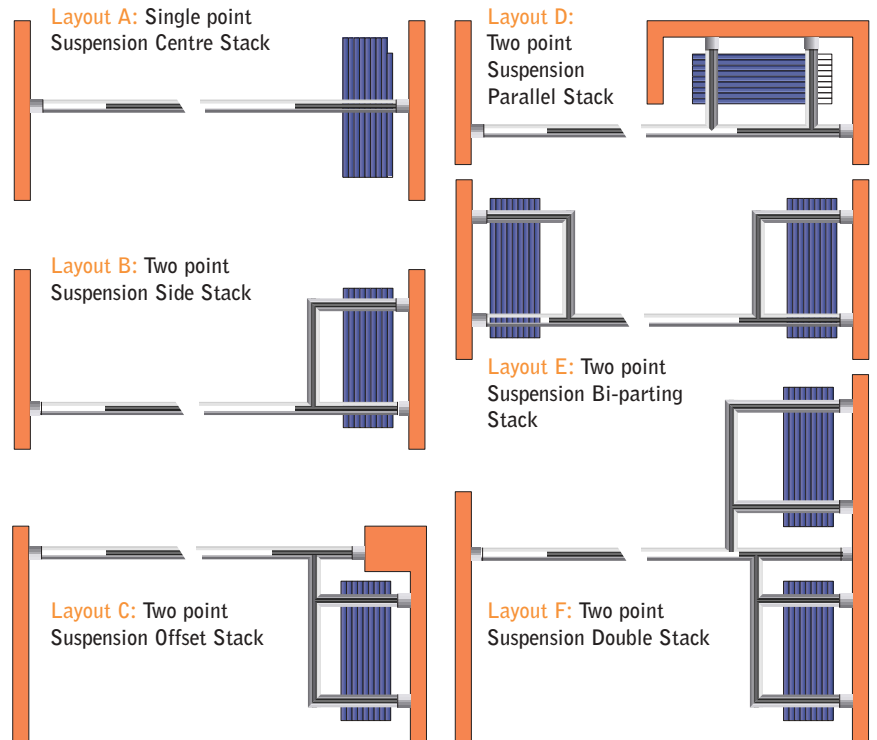
Technical Information

Mechanical Seal Operation

1. High Density Particle Board
2. Panel Core Insulation to meet Sound Reduction required
3. Mechanical Shoe/Seal
4. Compression Spring
5. Push Rods
6. Operating Handle
7. Mechanical Shoe/Seal
8. Spindle and Cam Assembly



ACOUSTIC | SYSTEMS



Acoustic Performance: Sound reduction dB ratings are often quoted from laboratory test results which are misleading in respect of final performance values. They are merely useful for initial specification purposes. Independent on site tests as carried out by Duvale plc are recommended as in situ results will differ from laboratory test certification and are therefore the only true guide to achievable sound attenuation.

W.A.Hines & Partners, Acoustic & Noise Control Consultants.

180° Quick Release Action to Operate Seals

Expandable Top Seal

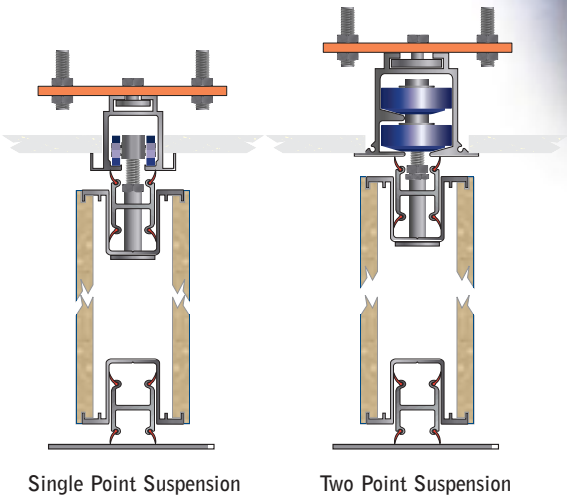


Expandable Bottom Seal

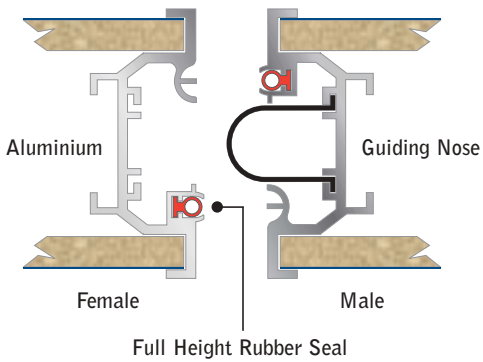




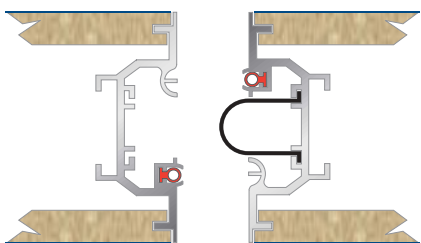
Individual Operable Wall Panel



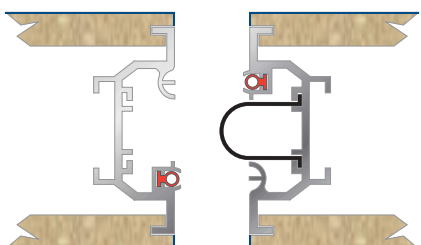
Exposed Profile - Type 100



Semi Concealed Profile - Type 110C

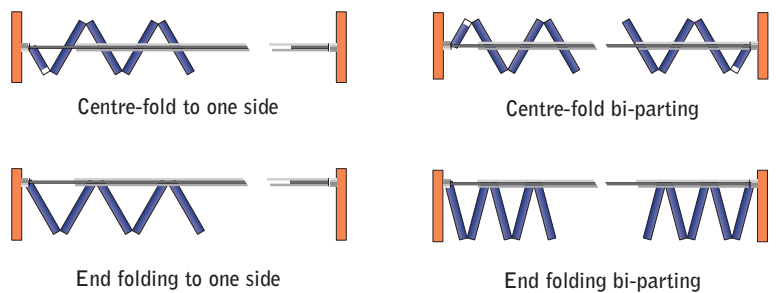
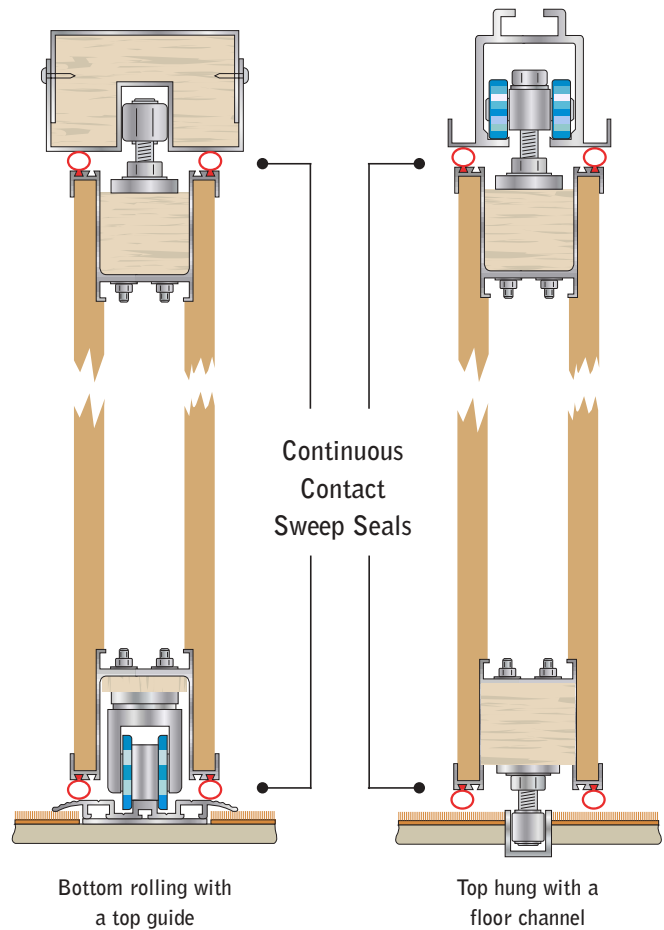


Fully Concealed Profile - Type 110



MULTIFOLD | SYSTEMS

Cross Sections Through Panels

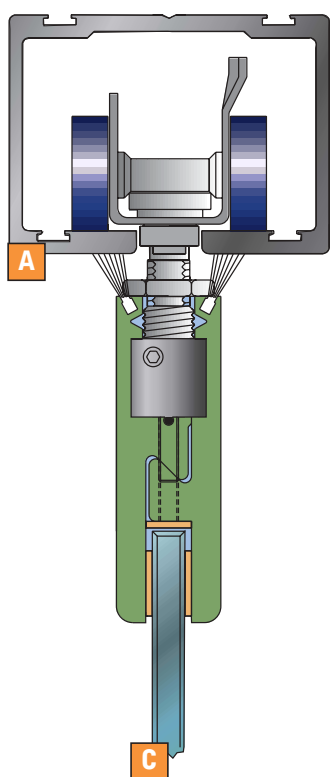


Technical Information

GLAZED | SYSTEMS

Cross Section Through Panel GS35

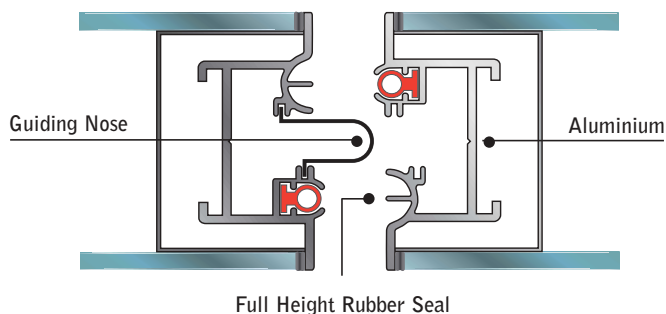
- A. Twin point multidirectional track
- B. Top and bottom clamp rails
- C. 10 or 12mm thickness toughened glass



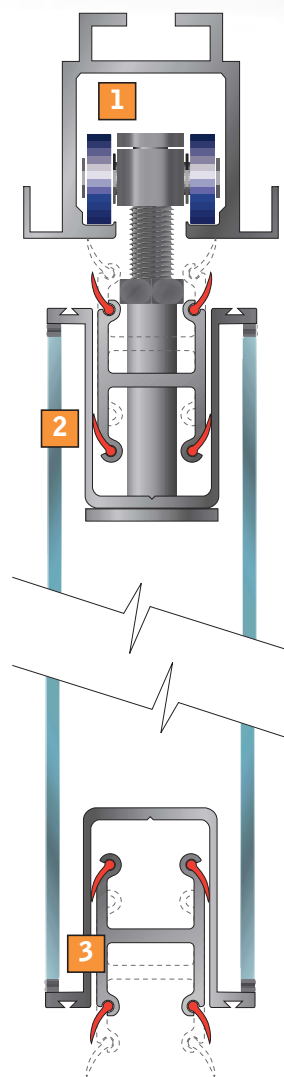
Cross Section Through Panel GS100

- 1. Single Point Track (Twin Point Option)
- 2. Full Height Glazed Faces in 6mm Laminated Glass
- 3. Expanding Shoe with Seals

Type GS100 Edge Profiles



“Applications: Multidirectional glazed systems are ideally suited to hotels, conference centres, shop fronts, restaurants and showrooms. They provide high performance and the flexibility of 135° movement.”



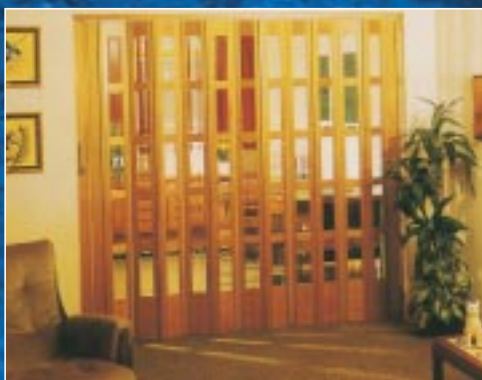
CONCERTINA | SYSTEMS

Accordionfold Cross Section

- 1. Timber Head
- 2. Steel Skeleton
- 3. PVC/Vinyl
- 4. Aluminium
- 5. Rubber Sweep Seal



FOLDING | DOORS



BI-FOLD | DOORS



PRODUCT | FEATURES

- Suitable for openings from 650mm to an almost unlimited width.
- Fits easily into an existing opening or 'knock-through'.
- No floor-track required ensuring ultra-smooth operation.
- Tough yet elegant natural wood construction.
- Glazing and vision panel options.
- Ideal for wheelchair users.

Unique Panel System Folding Doors

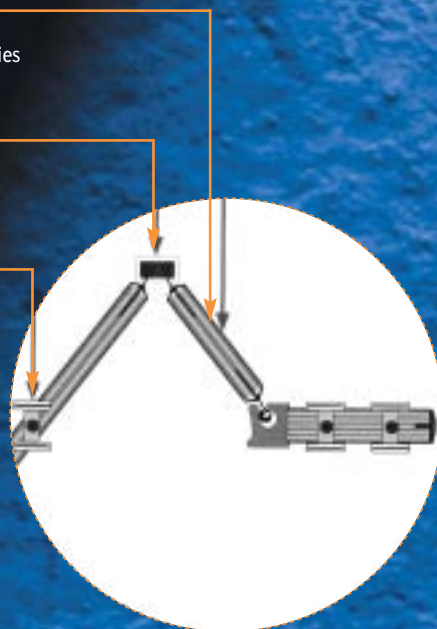
This style offers the natural beauty of superbly-finished wood combined with the flexibility and durability offered by a door system developed over 30 years.

Using veneered marine quality plywood allows the panels to be remarkably thin - ensuring that when the door is in the open position, the panel stack takes up an average of just 12% of the recess area.

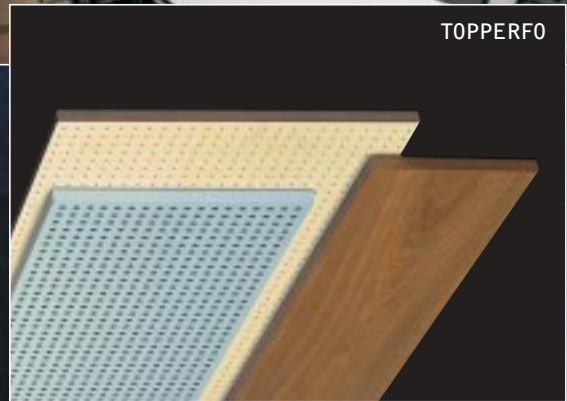
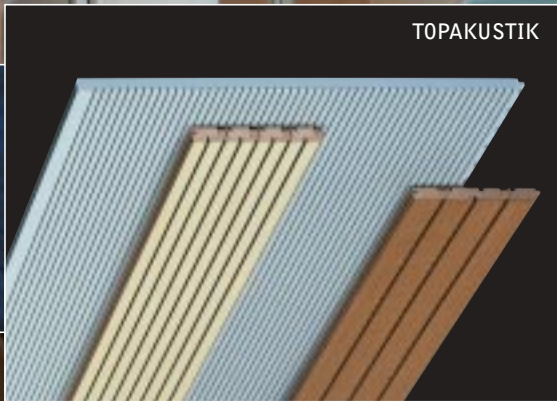
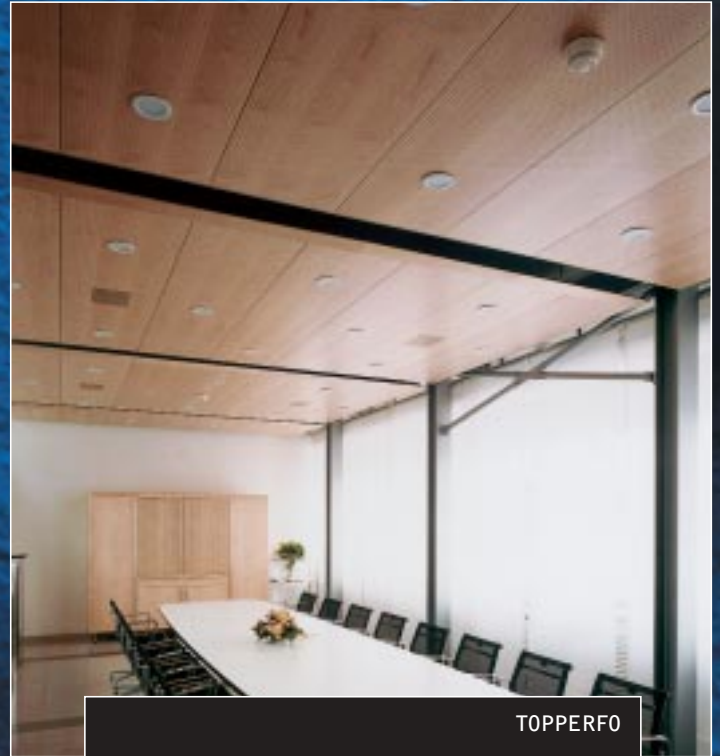
9mm marine plywood panel construction, faced with hardwood veneer.

Hinges and other accessories are machined from solid hardwood and finished to match the panel colour.

Heavy duty, flexible hinge system provides effective shock-absorbing and damping qualities.



TOPAKUSTIK & TOPPERFO | ACOUSTIC PANELS



Acoustic Products supply a range of sound absorbing slotted and perforated acoustic panels designed to create an acoustically controlled environment within commercial and public buildings. They are available in veneer, melamine, paint or laminate finishes and in Class 1 Surface Spread of Flame and Class 0 fire ratings.

Technical brochures for our complete range of acoustic panels can be viewed on the Products Page of our website at

www.acoustic-products.co.uk

Detailed technical brochures, samples and prices are available on request.

**Acoustic
Products**



Movable Walls
Acoustic Panels

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