

Folding Partitions



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AVANTA
WORKSPACE CREATION



Folding Fabric Partitions



Versatile Operable Walls



Multifold Partitions



Wood Finished Partitions



Glass Partitions

FABRIC

FABRIC FINISHED PARTITIONS

Building Additions offer four types of Fabric partition all manufactured in the UK. Each has a different average effective sound reduction (Rw dB). The fabric is strong, durable, light fast, class '1' and '0' to BS 476 flame spread. The material is made from water based inks only and is fully washable, mildew and mould resistant.



Sitework

The ideal preparation is to fix to a timber surround fitted to the walls and ceiling. The head should be supported sufficiently to take the weight. All other fittings should be subject to a survey to assess the suitability of attaining a sufficient fixing.

Application

For those looking for an economic means of dividing rooms to create more usable space, the range of fabric partitions from Building Additions provides the answer. These fabric partitions are a versatile way of arranging meeting rooms and work spaces, and also are ideal for schools, nurseries, hospitals, leisure centres and village halls.

Although they are the lowest cost folding partitions these fabric partitions are nevertheless made to a high specification. The surface material is robust, and covers an internal steel pantograph frame that runs on a heavy duty aluminium track. With the top hung system the floor is therefore left a totally uninterrupted surface and the partition arrangements can be either single, double or any combination of two-way, three-way, or four-way layouts. The partitions can be also be curved to a 1-metre radius.



Colours

Available in a wide range of up to date colours from leading wallcovering manufacturers, Muraspec. There are 16 standard colours from stock and special colours are available to order. These fabric folding partitions can be differing colours on each side.

Specification

Standard 100 has a tested Rw dB>15. Weighs 6kg/m². This option is really only to be used as a screen and acoustic properties should not be expected. If the leaf area exceeds 18m² then intermediate posts are used.

Acoustic 200 has a tested Rw dB>24. Weighs 10kg/m². Made from layers of quilted fibreglass. Open cell foam strips are fitted behind all perimeter channels. Sweep strips are fitted top and bottom. If the leaf area exceeds 14m² then intermediate posts are used.

Acoustic 300 has a tested Rw dB>30. Weighs 18kg/m². Made from layers of dense PVC and quilted fibreglass. Open cell foam strips are fitted behind all perimeter channels. Sweep strips are fitted top and bottom. If the leaf area exceeds 8m² then intermediate posts are used.

Acoustic 400 has a tested Rw dB>35. Weighs 22kg/m². Made from further layers of dense PVC and high grade quilted fibreglass. Open cell foam strips are fitted behind all perimeter channels. Sweep strips are fitted top and bottom. If the leaf area exceeds 8m² then intermediate posts are used.

Floor Supported System

In certain circumstances it is not possible to support the partition from the ceiling. The solution is to have a track on the floor and use a guide rail at the head. This option is a very cost effective solution, using a stronger and larger trolley wheel than conventional partitions.



Building Additions' Operable Walls present a swift and efficient solution to space shortage. The system is individual panels that interlock. Each panel is locked into place, the final closure is achieved by means of an expandable end panel operated by a removable handle. They offer sound insulation excellence and are available in an almost unlimited variety of configurations.

Application

Operable Walls from specialists Building Additions offer an effective and efficient means of dividing space in hotels, conference rooms and leisure areas.

These walls are ideally suited for an environment where the sound reduction quality is the essential criteria.

Sitework

Ideally the site should be clear of obstruction and with a level floor. The opening should be square. The panels are of substantial weight and therefore a suitable lintel or other supporting structure is required. Building Additions will always attend site to check the requirement.

Colours and Finishes

A full range of colours in vinyl, melamines, veneers and laminates are available as standard. The panels can also be spray painted to any BS or RAL colour. Individual specifications can be met to fulfil any requirement.

One important note is that these panels are made to a high degree of sound insulation and it is important that the structural surrounds match the panel specification to avoid sound loss.

Specification

The panels are constructed with a solid particle board on an aluminium peripheral frame. The panels are then filled with mineral wool and other sound obstructing sheets.

The panels give an acoustic level of 38dB - 53db as standard although higher levels are available on request. The normal panel thickness is 100mm.

The standard minimum panel width is 650mm and the maximum is 1250mm although specials can be manufactured if there is a particular requirement.

There is no floor track with this system and the operable seals top and bottom give a 25mm clearance of both floor and ceiling when fully retracted.

The panels can be made to incorporate a pass door and up to 1 hour fire rated board can be used. The edges of the panels can either be edged in aluminium or flush fit. This is important when considering if the edges need additional protection.



MULTIFOLD PARTITIONS

The Multifold is ideal for medium acoustics and when there is a need for the weight to be on the floor when the support structure is not load bearing. The system consists of continuously hinged panels that are locked into place on every second panel. The last panel always operates as a communicating door. The system can either be a single or Bi-parting.



Sitework

Ideally the site should be clear of obstruction and with a level floor. The opening should be square. The system can be both top hung and bottom supported without the need for substantial support. It is necessary though for a suitable fixing for the track. Building Additions will always attend a site survey to advise suitability of the opening.

Application

The Multifold from specialists Building Additions offers a solution to the problem that exists because the support structure is inaccessible or non-existent. The product is able to achieve a far better sound performance than the fabric in these circumstances because of the acoustic seal at the floor and ceiling.

The Multifold offers an easy operation and quality appearance that is suitable to almost any environment from classrooms to boardrooms.



Specification

The panels are constructed with a solid particle board on an aluminium peripheral frame. The panels are then filled with mineral wool and other sound obstructing sheets.

The panels give an acoustic level of 38dB - 45db. The normal panel thickness is 70mm. The seals are a hard wearing rubber at the top and bottom.

The Multifold can be either Centrefolding (the centre of the panels are fixed to the track) or End-Folding (The end of the panels are fixed to the track). If the panels are End-Folding then the option of being floor supported requires a suitable structure for support.

The maximum panel width is 850mm (Centrefolding) or 750mm (End-folding), the maximum height is 4000mm.

The leading panel acts as an access door. Locks are on optional extra.

WOOD FINISHED PARTITIONS

Using high quality wood veneers from Scandinavia, the wood finished partitions have narrow panels for neat stacking when open and matching pelmets to hide the track. They come in glazed, unglazed and acoustic versions.



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|-----------------------|-------------|--------------------|
| 1. Melamine Beech | 5. Khoto | 9. Beech |
| 2. Melamine Oak | 6. Mahogany | 10. Pine |
| 3. Melamine White Ash | 7. Ash | 11. Oak |
| 4. Melamine Pine | 8. Birch | 12. Melamine white |
- Other finishes available e.g. Cherry.

Application

The natural warmth and ambience of wood veneer folding partitions makes them especially suited to prestige offices, clubs and community centres, and doctors' surgeries.

There are three types of timber partition available - the 'Original', the 'Crystal' and the 'Acoustic Special'.

All folding partitions have a core of solid fibre board covered in a choice of twelve wood veneers including oak, beech and ash. The 'Original' partition has an attractive all-over wood veneer; the 'Crystal' has translucent or frosted acrylic panels set into the partition; and the 'Acoustic Special' incorporates a layer of sound insulating material to achieve a rating of Rw33dB.

Sitework

A timber surround on walls and ceiling must be fitted prior to installation.

Finishes

Finishes include: hardwood veneers, melamines and painted.

Specification

This range of wood finished partitions has been successfully used in a range of interiors around the UK and recent examples illustrate their popularity for particular applications.

In the health sector the wood folding partitions have been used to good effect to provide temporary division between various departments. This has been the case at several hospitals including the York Health Services NHS Trust and The Medical Centre in West London, where oak and beech veneer finishes have been specified. Others have also chosen the glazed Crystal and Acoustic options.

The wood partitions also have a following amongst golf and country clubs. For instance, on Anglesey at the Bull Bay Golf Club, and in Swindon at the Wrag Barn Golf and Country Club, the folding partitions have been used to separate the restaurant from the bar area, yet when folded back, providing a completely open function room for other purposes. Here teak and American white oak finishes have been used respectively.

Wood finish partitions find favour too with boutique shopping facilities. At St David's Hall theatre and a conference hall in Cardiff, (pictured here) the Crystal folding partitions in an ash finish provide a warm and attractive means of opening and closing off a gift shop adjacent to the main foyer. This wood partition matches the wood flooring, stacks back compactly and allows visitors to see into the shop when closed.



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