

Multifold



## A wall that makes more than space

The Multifold partition is the solution in the quest for effective management of space. The flexibility of the system allows for a rapid reconfiguration of independent spaces.

Created to respond to the need for dynamic resizing of any room the system incorporates an access doorway and although primarily used for floor supported openings the flexibility to be top hung is available.

Ideal when medium to high acoustics are the requirement, the system consists of continuously hinged panels that are locked into place on every second panel. The final panel acts as the communicating door. The system can either be single or bi-parting.



## Concept

Multifold is the culmination of years of experience in developing a hinged panel system that performs to the best acoustic, aesthetic and environmental demands.

Extruding an Aluminium section to include a hinge section, specialist extruders were employed to carry out the revolutionary design; this enables the product to have a minimal 'gap' between the panels, typically 0.7mm as opposed to the traditional 10mm.

The traditional gap of 10mm necessitated the use of very large acoustic seals which in themselves became a weakness; this has been replaced by a miniature neoprene seal thus improving acoustic performance.

The incorporation of the hinge within the edge section has therefore removed the requirement for an 'add on' hinge which required fixing to the edge section and therefore impinged upon the profile and boards. This required a sacrifice either in the boards, which required expensive engineering of the boards to work around the hinge detail, or in other cases a sacrifice had to be made to the seals which had to share the same mounting positions to the detriment of the acoustic performance.

The new hinge design has enabled the product to have a minimal visible aluminium edge.

# The Features

- Espagnolette bolts lock the panels into position both top and bottom so they fit neatly and securely.
- A minimal aluminium floor track with a slim profile provides a smooth and reliable runner for the folding wall system.
- The overhead track and door jambs are all fully adjustable so you can be sure of achieving the perfect fit and operation.
- For a high quality finish and sleek design, we've incorporated SAA flush ring handles and stainless steel latches into our folding wall systems. If you also require extra locks, these can be supplied and fitted too.
- Rubber seals are fitted to the top, bottom and vertical edges of each panel and these ensure a high degree of sound insulation.
- With a panel thickness of 78mm and the benefit of rubber seals to all panel edges, an acoustic level of 38dB - 42dB can be achieved.
- All fixings are made from lightweight aluminium which also has the benefit of being extremely hard wearing.
- Panels come in a range of sizes to suit your application - right up to an individual panel width of 900mm.
- Door panels can be arranged so they stack at one side of the track or at the centre.
- Our folding wall systems can be supplied in either a single wing or a bi parting formation.
- To blend in with their surroundings, our door panels all come in a wide range of finishes including hardwood veneer, laminate, melamine, vinyl, fabric or even magnetic dry wipe.
- If required, single glazed or double glazed vision panels can be incorporated into your folding wall.



## Fixings



The track and jambs are fully adjustable allowing the system to be installed quickly to openings that are far from perfect.

The aluminium is powder coated white to enhance the appearance of the whole system.

## Designed for you

Whether you're looking for a special finish or a special look, we're sure to be able to deliver it for you. We offer a complete service from advice and initial design right through to the manufacture and installation of your system. Then once your folding wall is in place, we're always available to ensure it keeps performing at its best, day in and day out.

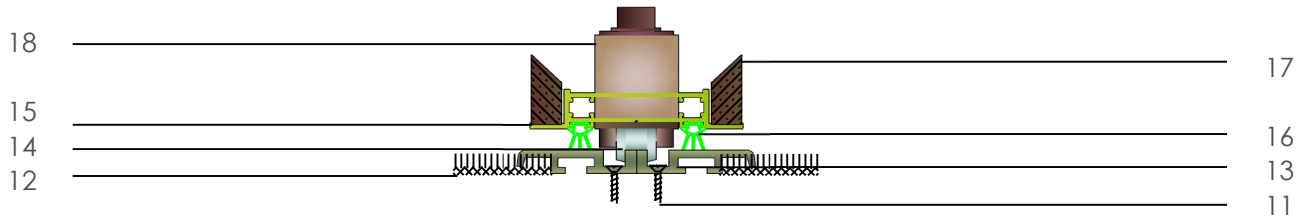
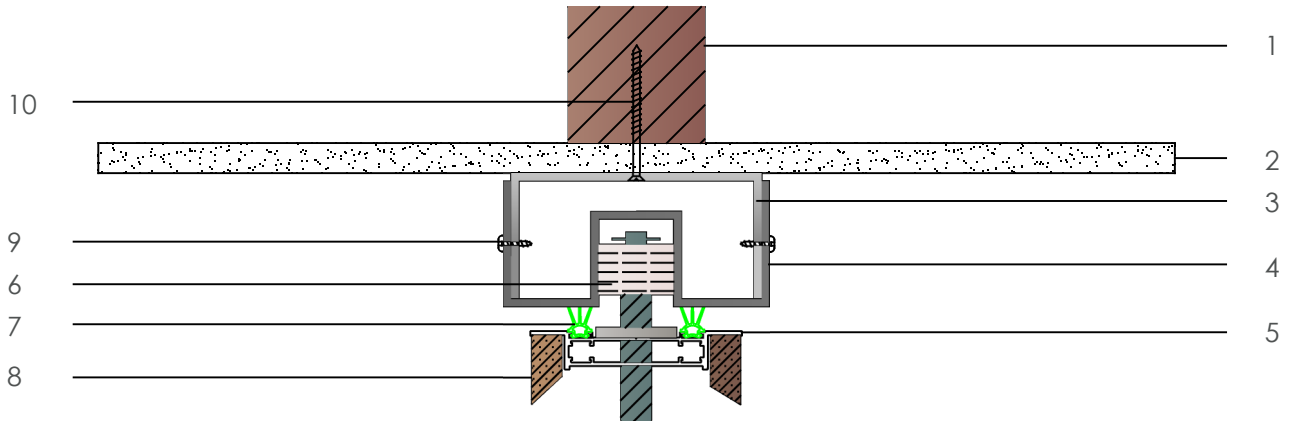
## Specification

	<b>dB Rating</b>	<b>Panel Thickness</b>	<b>Maximum Height</b>
Multifold	38-42	78mm	3000mm
Multifold	45	100mm	3600mm

	<b>Maximum panel widths</b>	<b>Maximum Width per wing</b>
CentreFolding	900mm	8100mm
Endfolding	900mm	8100mm



# Head & Floor Detail



- |                              |                                  |
|------------------------------|----------------------------------|
| 1 Timber Support Fixing      | 10 Head Channel Fixing Screws    |
| 2 Ceiling                    | 11 Track Securing Screws         |
| 3 Track Head Channel         | 12 Carpet                        |
| 4 Head Track Guide           | 13 Floor Track                   |
| 5 Top Aluminium Edge Section | 14 Bottom Roller Assembly        |
| 6 Top Track Guide Roller     | 15 Aluminium Edge Section        |
| 7 Top Acoustic Sweep Seals   | 16 Lower Acoustic Sweep Seals    |
| 8 Panel Boards               | 17 Panel Boards                  |
| 9 Track Fixing Screws        | 18 Roller Support Block Assembly |



# Stacking





# Finishes

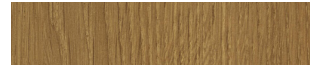
Melamine faced chipboard in standard, Fire rated and moisture resistant grades

## Stock Finishes

**Birch**



**Oak**



**White**



**Pearl Grey**



**Ash**



**Yellow Beige**



**Beech**



## Ultimate Flexibility

With over 40 plain colours, 30 woodgrains and a selection of metallic and texture effects, the collection offers a comprehensive solution to any interior requirement.

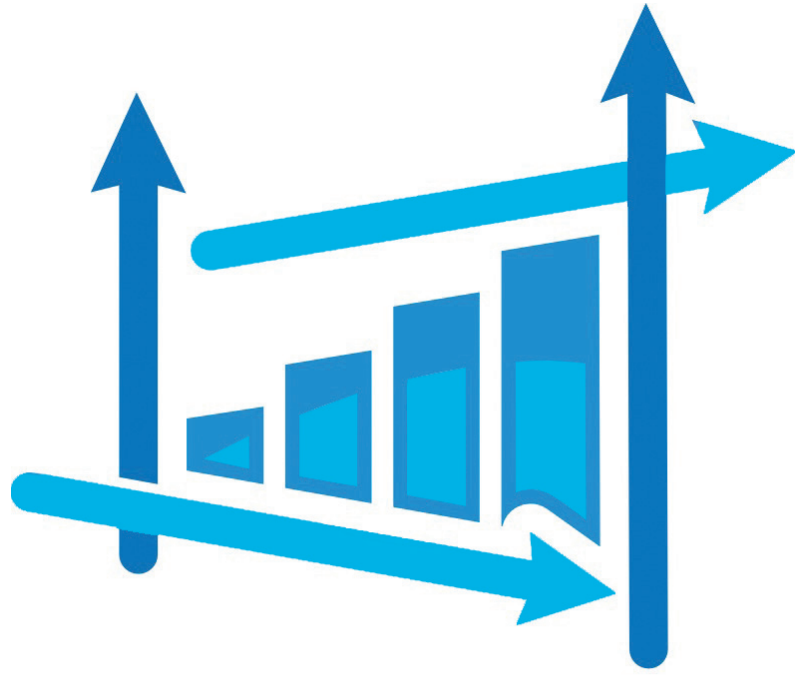
The range combines quality, durability and design to offer an extensive range of commercial and original finishes.

## Digital Printing

With Digital printing we can take any image and process it to a melamine surface. You can supply your own imagery, be it photograph, pattern, logo etc. Whether you need promotional imagery blown up for exhibition, photographic artwork printed as a backdrop or stunning patterns we can provide the solution.



24hr sample service is available  
Full colour swatch available on request



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