

# FABRIC PARTITIONS



TECHNICAL SPECIFICATION

## ACOUSTIC, FABRIC AND FIRE SPECIFICATIONS

### ACOUSTIC

When considering acoustic partitioning it is essential that the surrounding walls, ceilings and floors do not allow sound leakage.

Closures and linings need to be installed correctly to ensure that no passage of sound can occur. There should be no gaps for sound to be transmitted over the top of the partition, over the ceiling (in particular a suspended ceiling) or along the floor under the partition. Connecting central heating ducts can also cause flanking transmissions.

On **Soundbuster 300** and **Acoustic 200** partitions over three meters, care has to be taken to ensure a seal is made at the top of the partition. The partitions have been tested to BS2750 by an independent testing agency. This test was performed on partitions in a 2.5 x 2.5 test aperture which was situated between two rooms that are otherwise acoustically isolated from each other, and which have precise sound absorption properties. Although this situation is never present in real life, the results do provide a common base for comparisons with other partitions and structures. Test details can be given on request.

### FABRIC

The covering is a durable, light fast, flame retardant, rot proof vinyl coated fabric which will not peel crack or craze. The material is also backed with a five year manufacturers warranty. The material is made with water based inks and has no odour. It is fully washable and is also treated with a water based acrylic solution

giving an extra stain resistant finish. Finally the material includes antimicrobials to protect against the growth of mildew, mould, fungi and bacteria.

Where it is necessary to make a seam in a cover, the sections of fabric are sewn together with clear nylon thread and then double stitched with a cotton webbing reinforcement to prevent the cover from pulling apart at the seams. These seams are always vertical and at the bottom of the fold.

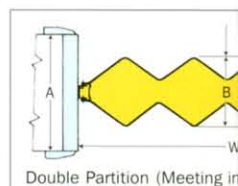
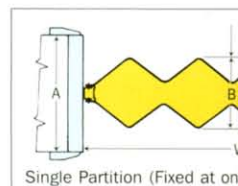
Each cover has the webbing sewn across the inside at the top and bottom, and it is this webbing which is attached to the framework. The fixing points are all concealed and the line of the cover is unbroken. The cover is adhered to the posts at each end of the partition to ensure that these surfaces are smooth and free of creasing and the edges of the cover are concealed within these posts to give a neat finish.

### FLAME RETARDANT SPECIFICATION

The material has a Class 'O' and 'I' to BS476. The material also incorporates an early fire warning. The material reacts to heat, releasing a vapour which will set off an ionisation type smoke detector before the fire ignites.

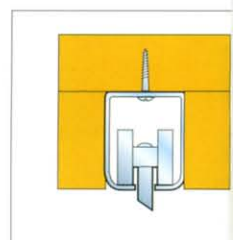
### COLOUR PALETTE

The material has 167 colours in the range that are carried as stock, however we also offer a custom service for projects of over 100 sq metres.



Hinge size mm	Head jamb width
200	200

Partition	Standard
Standard 100	100
Acoustic 200	200
Soundbuster 300	300

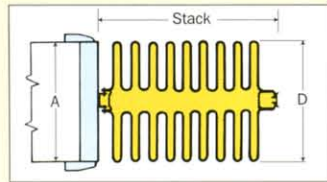
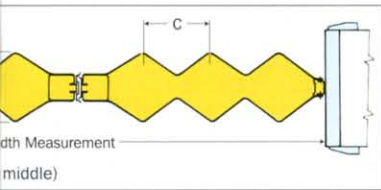
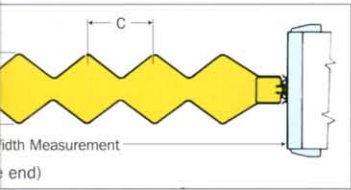


Concealed Track

# MEASURING INSTRUCTIONS

## OPENING MEASUREMENTS

**Width** "Width Measurement" means the actual distance between the finished jambs. Pairs of partitions need not be of equal width (e.g. an 8m partition can consist of 6m & 2m).



Jamb & Hinge Size mm	Approx. partition width extended mm B	Approx. partition width extended mm C	Stack width mm D
115	115	165	255

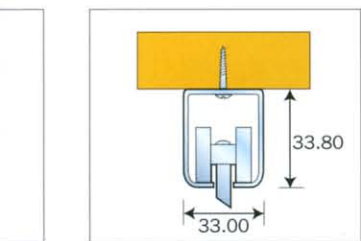
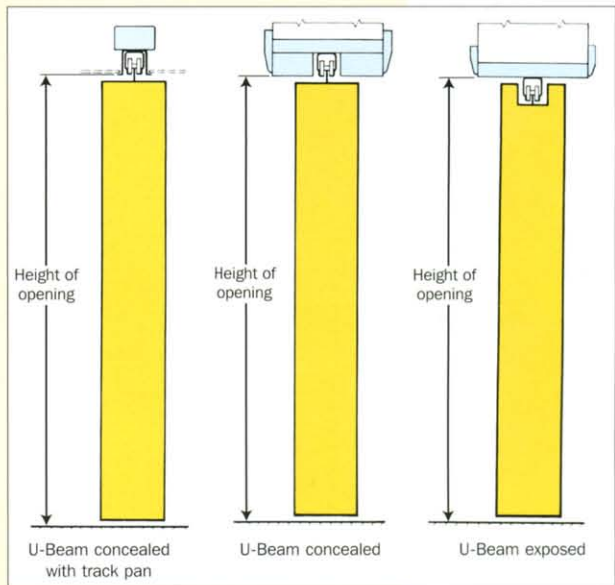
TRACK DIMENSION
Hinge Size 200 mm
1/6 partition width plus 125 mm
1/5 partition width plus 125 mm
Dimensions on application

All partitions are made-to-measure and it is therefore essential to have accurate measurements.

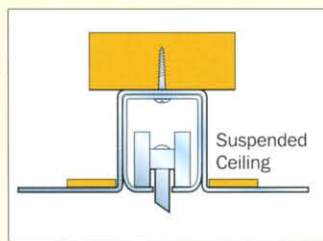
The sweep strip can usually be adjusted when the floor has a slight height variation.

**Height** Height measurement is the distance from the underside of the finished head (where exposed track is used) or ceiling (where concealed track is used) to the surface of the finished floor or carpet. These dimensions are critical.

The minimum height at any point of the opening is the operational height. Height measurements should be taken every one metre across the width and both maximum and minimum should be quoted. Please note that all partitions are made to give a nominal gap of 8mm between the cover and the floor at minimum height measurements.



Exposed Track



U-Beam Concealed  
Suspended Ceiling

## TRACK FIXINGS

### U-Beam Track

Made in a strong aluminium that can be spray painted if required. The dimensions of the track are the same for all applications.

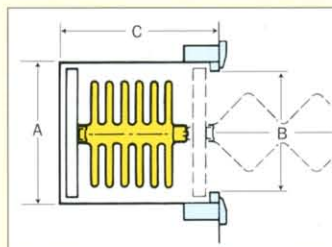


## STOWING

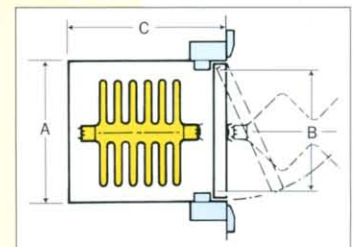
If the partition is to be stowed away when not in use, a pocket recess can be formed with either a sliding jamb or door.

Note: Pocket construction and jamb are not provided by Building Additions.

Hinge Size mm	Recess Width mm A	Recess Opening mm B	Recess Depth mm C
200	305	254	Stack Dimension plus 102



**Recess with Sliding Jamb** The sliding jamb can be attached to the 'fixed end' of the partition and covered in matching vinyl.



**Recess with Door** Alternatively the partition can be concealed in a cupboard with an opening door. When the partition is withdrawn the door can be closed and the partition attached to the closure strip fixed to the face of the cupboard door.

## GENERAL INFORMATION

### INSTALLATION

Partitions can be supplied and installed by our trained personnel. An estimate will be given on receipt of an enquiry. The builder is required to supply and fit the timber surround and all the groundwork to receive the partition. When the opening is ready with the floor and ceiling finishes in position, a Representative will make a site survey. Delivery and installation by a specialist installation team then follows.

Alternatively partitions can be provided 'supply only' in which case the purchaser must submit his order clearly stating the required size. The partition is then made and delivered to site for the customer to install. Full instructions are included.

### REPAIRS & SERVICE

Our company's technical and after sales service is the very best available. We have installed thousands of folding partitions for more than 10 years.

### CLEANING & MAINTENANCE

The partition surfaces are easily cleaned using a soft brush or sponge in a weak

solution of aqueous detergent type cleaner and warm water. After cleaning, the partition should be wiped dry with a soft dry cloth. Chemically aggressive cleaners, harsh abrasives or solvents should not be used. Some floor cleaning materials contain chemical compounds which are very harmful to vinyl and these should be avoided also.

The Track should be wiped clean of dirt and dust from time to time. Do not allow dirt to accumulate on the track since this will have an adverse effect on the ease of operation.

### CONDITIONS OF SALE

All partitions are custom made to fit the particular project and once manufacture has been commenced it cannot be altered or returned after delivery. Please be sure, therefore, that the order is correct.

*Note:* The preparation of the opening is the work of the contractor/customer who is responsible for the opening being square and level and all the groundwork to be sufficiently strong to carry the partition.

## ACCESSORIES

### TIE-BACK STRAPS

*They hold partitions in a stacked position neatly and securely to optimise room space. They are made from fabric to match the partition.*

### HEAD AND FOOT BOLTS

*Head and foot bolts can be specified for extra stability and security*

We are continuously improving and developing our product range and reserve the right to modify the product in whole or part without previous notice.

DESIGNED BY JEANNE POWELL • TELEPHONE 01225 783004

# System Doors

SYSTON ROLLING SHUTTERS LTD TRADING AS SYSTON DOORS

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