

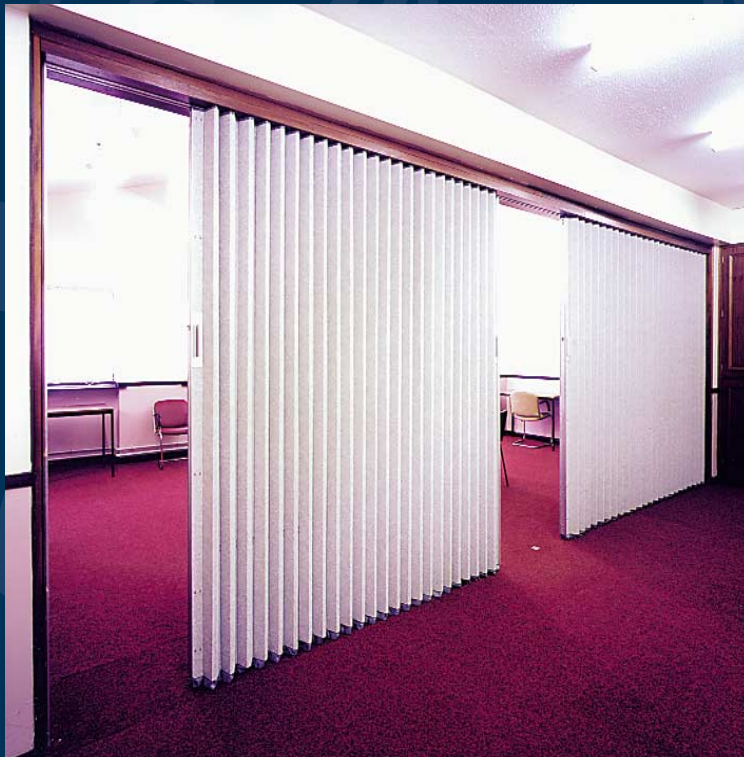
Uniclass	L384/L385	
C1/S1/B	(32.54)	X
December 2003		



KABA®

HUFCOR

Operable Partitions



Hufcor Accordion Partitions Sales Specification



KABA® HUF COR

Operable Partitions

Hufcor Accordion Partitions



Access & Division of Space



Security Applications



Acoustic Applications



Environment Control Applications



Expert Guidance

Quick, economical privacy for multi-use space

Hufcor has been manufacturing accordion partitions in the UK for over thirty years. Accordions are the fastest and most economical way to divide and organise space and to insulate against distracting noise. Up to 40dB sound rating can be supplied. They provide instant privacy for classrooms, offices and other work areas.

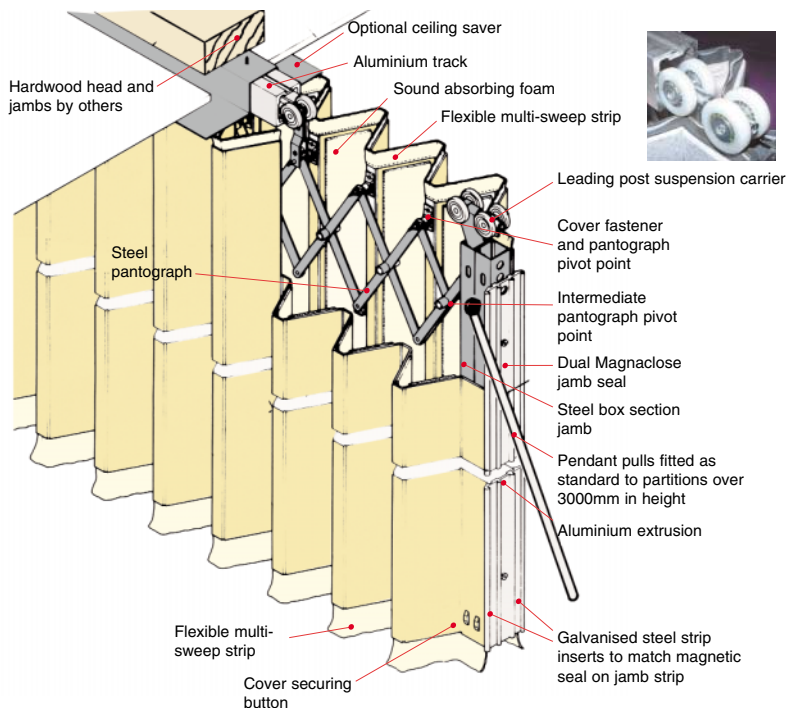
The choice is easy:

Series 2500 - Simple division at the most economical price

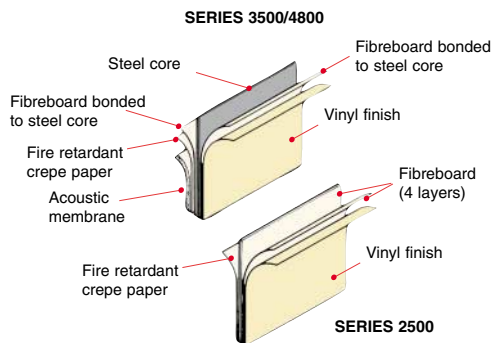
Series 3500 - Moderate sound control combined with extra strength

Series 4800 - Excellent acoustic performance with extreme durability

CONSTRUCTION



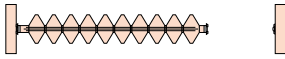
LAMINATED COVER CONSTRUCTION



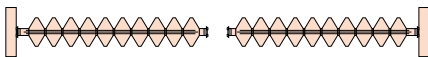
LAYOUTS

Any number of floating units can be employed to cover wide openings. Floating units can also be used in combination with glide, pivot and crossover switches or to allow parking in storage pockets.

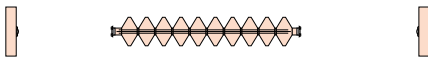
Single partition, fixed to a jamb



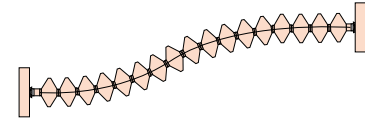
Pair of partitions, fixed to jambs



Single partition, fully floating

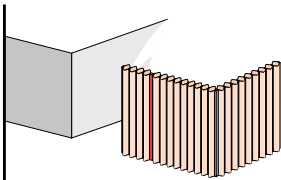


Curved track (standard curves 1067mm and 1524mm radius)

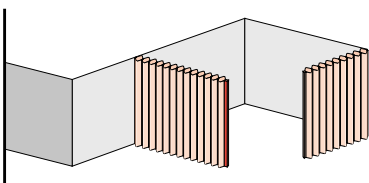


MEETING POSTS

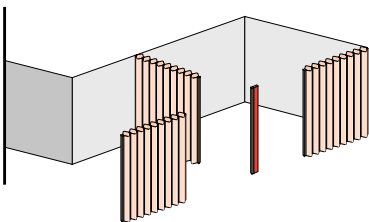
Partitions are manufactured complete with jamb posts on meeting and trailing edges, but intermediate posts of various designs can also be supplied either as separate items or fitted into a partition to allow more complex division of space.



Intermediate post type B provides simple access incorporating increased stability.



Two way meeting post

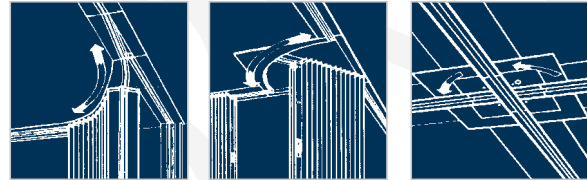


Three way meeting post



SWITCHES

Switches can be used to assist parking of floating units, and they also enable partitions to be used in more than one location in the same room.



Glide switch

Allows a partition to divert onto a curved track, possibly to an alternative location

Pivot switch

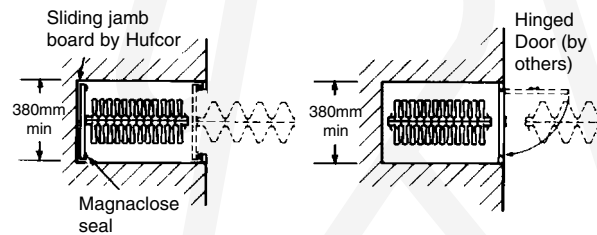
Allows a partition to move through 90° to allow stacking parallel to a sidewall or for re-location.

Crossover switch

Used to allow partitions to pass over another track at right angles. Pole operated.

STORAGE POCKETS

Partitions can be stored out of sight, if required.



APPROXIMATE STACKING SIZES

The space occupied by a stacked partition can be calculated as follows:

Series 3500 and 4800

205mm per metre of opening width + 110mm

Series 2500

150mm per metre of opening width + 110mm

Floating Units

Series 3500 and 4800

205mm per metre of opening width + 140mm

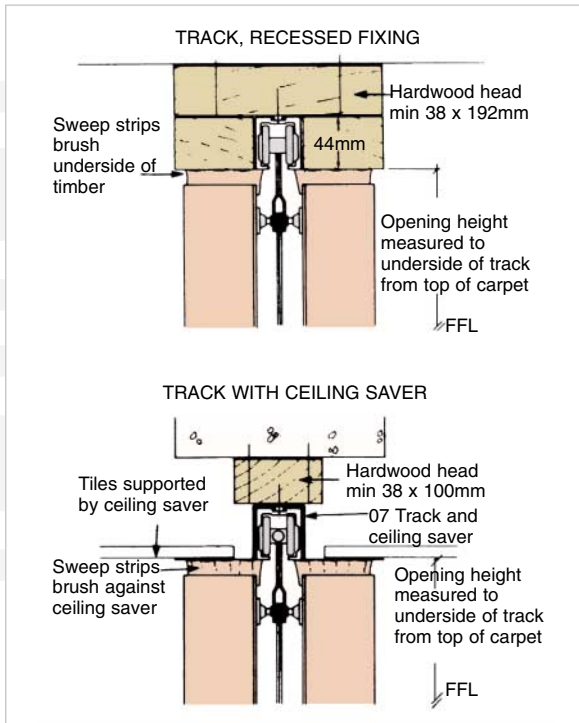
Series 2500

150mm per metre of opening width + 140mm

Add 63mm for additional intermediate posts.

Thickness of partition when stacked = 190mm,

Thickness of partition when extended = 140mm



TRACK HEAD DETAILS

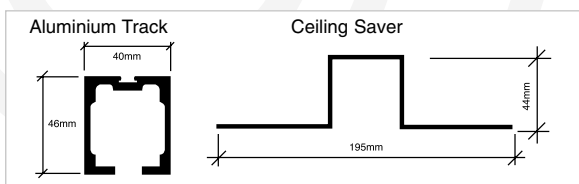
PREPARATION

Accordion Partitions need to be installed inside a 'goalpost' timber frame. The necessary timber head, recess timbers and jambs are normally supplied and fitted by the general contractor, unless otherwise specified.

It is important that both the width and the depth dimensions of the timber head are designed and constructed so that sweep strips remain fully in contact with the underside face when the partition is operated. The partition opening height is always measured from the top of the carpet (or other floor finish) to the underside of the track.

It is vital that any changes in levels, dimensions etc. which occur after surveying the opening are notified immediately.

All partitions are fully trial assembled in the works before delivery to obviate potential problems on site.



TOLERANCES

To be acoustically effective, the sweep strips at the top and bottom of the folding partition must make good contact with the floor but it is also important to avoid friction as the partitions are moved. The floor in the path of the partition should not vary from a level surface by more than $\pm 3\text{mm}$ across the entire opening.

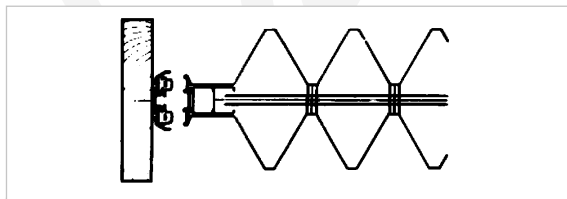
The weight of the partition, in addition to all dead loads, needs to be taken into consideration when designing the supporting member.

Deflection under maximum anticipated load should be no more than $\pm 3\text{mm}$. If greater deflection is anticipated or, in the case of excessive floor variations, special extra long bottom sweep strips can be provided: these may be trimmed on site.

The surface to receive the jamb should be plumb. Variations from wall to wall should be no more than 10mm measured at the widest and narrowest points.

VERTICAL SEALS

Dual magnaclose seals are employed on series 3500/4800. Series 2500 has single magnaclose up to 3000mm and dual magnaclose over 3000mm



GUARANTEE

All products are guaranteed against defects in materials or workmanship, for a period of two years from the date of manufacture.



Specification Summary, Finishes & Options

PARTITION SERIES	2500	3500	4800
Acoustic Performance BS 5821: Part 1: 1984	25dB	35dB	40dB
Acoustic cover construction	Fibreboard Multi-sweep strips top and bottom	Steelcore Acoustic membrane Multi-sweep strips top and bottom	Steelcore Acoustic membrane Multi-sweep strips top and bottom
Max width of single unit	5000mm	5000mm	4000mm
Max height	4000mm	4000mm	4000mm
Weight approx Kg/m ²	7	14.5	22

FINISHES

Colour Choice/Fastness

Eighteen superb options are available providing a high degree of light fastness to at least grade 7 of BS1006/LFS 8. (A vinyl selector card is available and larger samples can be supplied on request.)

Flame Resistance

Hufcor vinyls are tested to BS476 parts 6 and 7. They are flame resistant and, when applied to accordion folding partitions, Hufcor vinyl ranges offer a Class '1' surface for spread of flame.

Chemical Resistance

Hufcor vinyls are resistant to temporary staining of oils, fats, mild acids and alkalis; however all stains should be removed as soon as possible

Cleaning

A special coating minimises absorption of stains and dirt. For normal cleaning, wash down with mild detergent, rinse and sponge dry.

Batching

Slight variations in shading may occur from time to time but vinyls are matched by batch numbers for each opening to minimise risk of differences.



OPTIONS

Pendant Pulls

For partitions over 3000mm high, pendant pulls are included for each partition to help opening and closing. The pendant pull is an extruded alloy metal tube with a universal joint, which moves the point of leverage to the top of the partition.

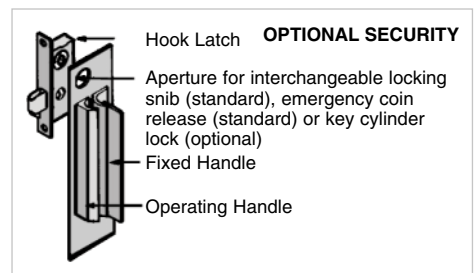


Tie-Back Strips

Clear plastic tie-back straps clip into position to restrain partitions when stacked. Standard on 3500 and 4800 series and available as an option for series 2500.

Foot Bolts

Although floor fixings are not required, any partition can be held in place with a foot bolt mounted on a leading or intermediate post. Bolts can be specified for extra stability and security. They prevent billowing of partitions in strong draughts on long runs.





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As ours is a policy of progressive design, we reserve the right to amend and alter specifications without prior notice.

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