

FOLDING WALLS

SESAM TYPE 65, 85 AND VISION WALL

KEY FEATURES AND BENEFITS

- Hinged Panels for quick and easy operation
- Robust Aluminium frame construction for demanding environments
- Wide range of surface finishes
- Ceiling or floor mounted to accommodate most building designs
- End pass door incorporated enabling access to adjoining rooms
- Partial and fully glazed panels available

OPTIONS

- Partially glazed
- Fully glazed
- Top Mounted system
- Floor Mounted system



The SESAM VIKETT is a range of folding wall systems that incorporates a series of flat panels (each up to 900mm wide) that are hinged together to give a flush appearance when closed. The panels are manoeuvred on either a ceiling mounted track or an ultra low profile floor track system.

SESAM walls are quick to operate and are available in a range of acoustic ratings from 38dB - 49dB. Sound attenuation is achieved by modern manufacturing methods and the unique panel construction that consists of an aluminium frame, particleboard cladding and multiple acoustic infills.

APPLICATIONS

The SESAM range is ideal for applications where the operation of the wall needs to be quick and easy and where a flush, flat wall appearance is desirable. The SESAM range is utilised extensively in educational establishments, offices, religious buildings and training areas.



OPERATION

The hinged panels incorporate fixed top and bottom sweep seals, which enable the operator to simply manoeuvre the partition into position in one easy action. Each wall section incorporates an end pass door panel, which provides a quick method of closing off the wall and also a means of access into adjoining rooms. The system can be top hung or floor mounted, which is particularly useful when the design of a building precludes any additional loading to the overhead structure.

FINISHES

As with operable walls, the SESAM folding wall systems can be supplied in an almost endless choice of finishes, including veneers, laminates, wall coverings and fabrics. There is also the option of standard, or flush mounted hardware for the door panels.

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CONTACT DETAILS

Fortress Doors (NI) offers complete Sales, Contracts, Services and Technical Departments whom are more than delighted to assist you with further information:

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We aim to provide high standards in our services therefore we have a professional team that will assist and advise with information for your final decision.

The information in this brochure is correct at the time of going to press. Due to continual product development Fortress Industries Ltd. reserve the right to alter specifications/details without prior notice.

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EXPANDING WALLS

800, 801 & 166 SYSTEMS

/Providing Total Door Solutions

OPERATION

The MODERNFOLD system consists of a range of track-operated expanding wall partitions. Based upon a pantographic steel frame, covered with heavy duty vinyl-coated fabric as standard or with a high quality carpeted finish.

Easy to operate, the MODERNFOLD systems can be supplied for openings of unlimited width on straight or curved track. Acoustic ratings range from 18.4dB for the 801 Series to 31.2dB for the 160 Series.

APPLICATIONS

Widely used in schools, waiting rooms, community buildings and leisure centres, MODERNFOLD partitions provide a solution to the division of space where

quick operation and cost effectiveness are prime considerations.

OPERATION

The accordian type partition runs in a ceiling mounted track system and requires no floor track or guides. The range incorporates sweep strips to the top and/or bottom of the partition to enhance sound attenuation and the partition guides easily into its stacking position when operated.

FINISHES

The MODERNFOLD range is available in the standard PVC coated fabric or with a special carpet finish available in a number of attractive colourways.



strength in design

OPERABLE WALLS

SERIES 2000

The Series 2000 is the highest Specification range of fully operable, individual-panel partition system. Acoustic insulation of up to 53dB noise reduction is achieved with a combination of operable top and bottom seals, high performance multiple infills and a panel assembly design that allows an acoustic break between the frame and outer layer.

The vertical channels of each panel incorporate polymer inserts that facilitate an acoustic seal when the panels are set out as a wall. Panels are produced in three thicknesses - 85, 100 and 110mm, depending on acoustic rating (from 37dB - 53dB).

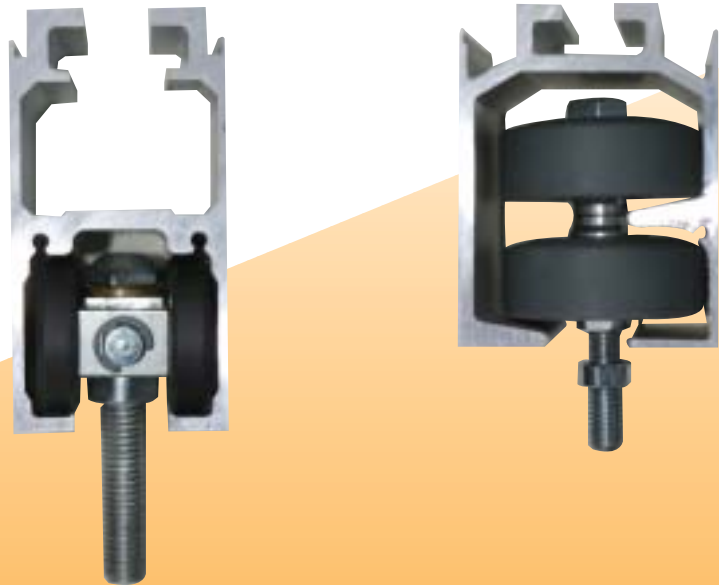
APPLICATIONS
The Series 2000 is used wherever room space needs to be fully utilised. Hotels, conference centres, educational establishments, offices, training areas, etc. can all benefit from the flexibility of operable walls.

DIVIDERS TYPES: 85, 100 & 110

- No floor track
- Flat wall appearance
- Wide range of sound attenuation (39 - 53 dB)

OPERATION
When the operable seals are retracted, panels glide effortlessly and quietly along the unique aluminium overhead track system (no need for floor guide). Telescopic end panels enable the wall to be locked off to complete the acoustic seal. The track and carrier system provides ease of operation and directional flexibility, allowing panel stacking in countless configurations.

FINISHES
For ultimate aesthetic appeal, panels can be supplied with practically any surface finish, including veneers, laminates, wall coverings, carpet, white board and decorative paintwork.



- Easy to use
- Flexible stacking arrangements
- Wide range of surface finishes

Various examples of Operable Walls.



KEY FEATURES & BENEFITS

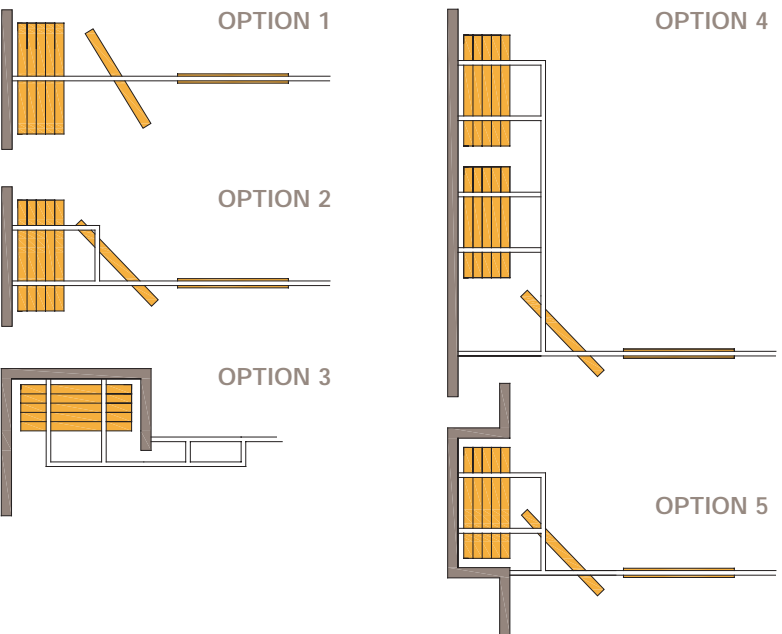
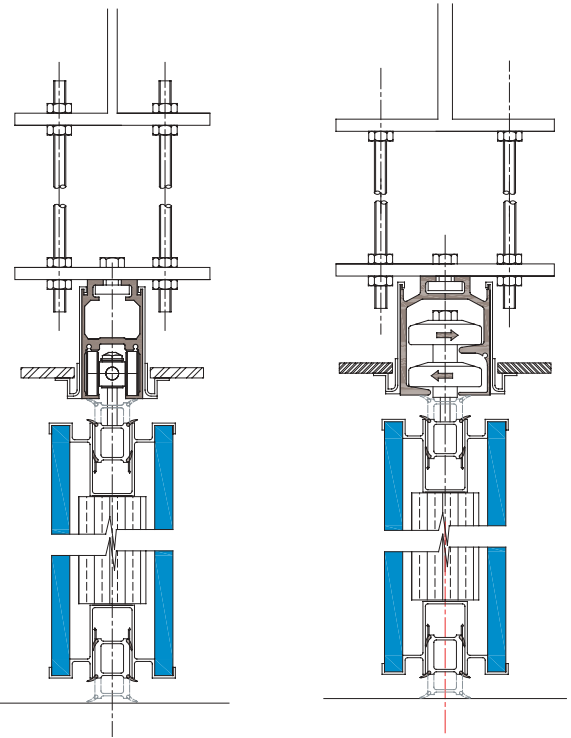
- Individual panels that can be stored away for maximum space utilisation
- Operable top & bottom seals for effortless operation
- Isolated aluminium frame construction for enhanced acoustics
- High performance multiple infills for maximum sound attenuation
- Unique track & carrier system ensuring quiet operation
- Numerous panel stacking options for complete flexibility
- No floor track ensuring obstruction free threshold
- Three panel sizes to accommodate a wide range of acoustic requirements
- Extensive range of surface finishes can be applied

OPTIONS

- Pass doors (single & double)
- Communication panels
- Glazed vision panels

The illustrations show different options for parking panels. If these options do not suit, tailor-made stacking areas can be developed.

Contact Fortress Doors for further details.



TYPICAL SPECIFICATION FOR A TYPE 100 MOVABLE WALL SYSTEM

NBS Section L20/540

Manufacturer
Supplier & Installer

Product Reference
Product Type

Opening Size
Panel Thickness
Panel Widths
Panel Heights
Frame Construction

Panel Cladding
Edge profiles

Finishes
Panel suspension

Dividers Modernfold Ltd
Fortress Doors
06 Trench Road, Hydepark Industrial Estate
Newtownabbey, BT36 4TY

Series 2000, Type 100 movable wall system. Top hung, Individual panel system forming sound reducing partition when closed and able to stack back against perimeter of room when open. The sound reduction is achieved by internal insulation, and use of top and bottom operable seals.

mm wide x mm high
100mm
450mm - 1,244mm
2,000mm - 8,000mm
Self-supporting aluminium frame, made from extruded aluminium profiles, with internal steel reinforcements.
12mm high-density particleboard class E1, with a press value of 680 - 720Kg/m².
Exposed edge profiles to protect all sides of the finished boards.

All normal finishes that are used in interiors. Double or Single roller suspension with aluminium profiled track to suit single and double roller system.

OPERABLE WALLS SERIES 2000											
Type 85	37/42	37/43	85	35/43	6000	550-1250	alu	operable	particle board	-	•
Type 100	46/50	47/53	100	45/55	any	550-1250	alu	operable	particle board	-	•
Type 110	37/53	37/55	110	36/55	any	550-1250	alu	operable	particle board	-	•
	ACOUSTIC RATING (dB)	ACOUSTIC RATING (STC)	THICKNESS (MM)	WEIGHT (KG/M2)	MAX PANEL HEIGHT (MM)	MAX OPENING WIDTH (MM)	PANEL CONSTRUCTION FRAME	PANEL CONSTRUCTION SEAL	PANEL CONSTRUCTION OUTER	TRACK SYSTEM FLOOR	TRACK SYSTEM CEILING

ACOUSTIC RATINGS			
Application	Certified dB Reduction	Effect	Product Type
Conference Centres and hotels requiring full confidentiality	50+	Shouting Heard only with difficulty	100/110
Hotels and Offices	45	Loud speech heard faintly but not distinguished	85/100/110
Education and Training	40	Loud speech heard but not easily distinguished (minimum desirable for acoustic privacy)	65/85/110/Duplo
Leisure and Sport, Education	35	Loud speech generally overheard	65/85/Duplo
Community Centres and Primary Schools	30	Loud speech, easily overheard	801 Uno