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March 2006



The Specifiers Guide

Movable Walls



DORMA UK Headquarters in Hitchin, Hertfordshire.

Founded in 1908, DORMA is one of the largest manufacturers of manual and automatic door systems in the world, with production facilities on four continents.

Our name has become a byword for the very highest standards of quality, design, innovation and service.

In the UK, DORMA consists of five specialist divisions offering:

- Door Controls
- Automatic Doors and Operators
- Glass Systems and Fittings
- Movable Walls
- Door Service and Maintenance

Movable Walls

The Movable Walls division of DORMA UK offers a range of space enhancing systems for every type of environment, from retail to commercial. Systems include semi-automatic acoustic and fire rated walls, folding horizontal and vertical glass walls, concertina partitions, and industrial fabric curtains.

CPD Seminars

In order to further enhance your understanding of Movable Walls and factors such as design considerations and acoustic properties, we can organise a RIBA approved CPD presentation at your premises.



MOVEO

With increasing demands for efficient and adaptable space management systems in offices, conference centres, educational establishments, hotels and exhibition centres, DORMA movable walls offer the ideal solution. The flexibility of DORMA's range ensures any room can be quickly and easily adapted to suit a variety of needs in moments, regardless of its original characteristics.

MOVEO is a unique system available from DORMA, offering architects, designers, installers and end-users an unprecedented lightweight, flexible and easy to operate movable wall solution with good sound insulation representing a revolutionary development in the design and manufacture of movable walls.

Manufactured using an innovative process, MOVEO is an exceptionally light and stable system, which provides a number of benefits, including:

- more efficient manufacturing - more economic for the user;
- transportation of the system from plant to site is easier;
- installation in both existing and new buildings is simpler; and more cost effective as less steel work is required to support the movable wall system; and
- the operation of the wall is quick and easy for all.



Lightweight

Due to its lightweight construction, elements glide smoothly and effortlessly along a single, narrow track discretely hidden in the ceiling. Each MOVEO panels is up to 50% lighter than other conventional systems available, ensuring they can be quickly and easily moved into their designated location by anyone.

ComforTronic®

MOVEO features the ComforTronic® control system as standard, a function which automatically extends the sealing strips – eliminating the need for any manual winding. In addition, the seal is seated with exactly the right contact pressure every time, ensuring partition stability and compliance with the specified sound reduction values. The accurate seating of the sealing strips means that an acoustic value of up to 55dB is achievable.

Finishes

The various surface finishes available are classified into three different 'Collections'.

- The Design Collection comprises high-quality, genuine wood veneers, striking metal decors and RAL-painted surfaces.
- The Classic Collection contains particularly hard-wearing, scratch and impact-resistant surfaces in a variety of colours, as wood reproduction, or as textured decor finishes.
- The Functional Collection, ranging from rugged steel sheet and write-on or magnetic cover panels, to surfaces that perform as overhead and daylight projector screens.



Available up to 4.5m high the flexibility of MOVEO means any configuration can be achieved; special elements can overcome curves, angles, right angles and slopes, and still incorporate pass doors and glazing elements.

System benefits:

- Light weight construction
- Panel thickness 100mm
- Clear passage height up to 4500mm
- Sound insulation properties 37, 45 or 55dB
- Quick and simple operation
- Wide range of surface finishes
- Multiple configurations



Variflex

Where the installation height is above 4.5m, DORMA offers Variflex. Available up to 14.5m high, Variflex is suitable for situations such as large exhibition and concert halls.

Like MOVEO, Variflex elements slide along a single track which guides them into position; top and bottom profiles are then extended using a crank-handle to hold the element securely in place and provided sound insulation. A semi-automatic model is available which extends the profiles automatically once they have been pushed into position, making the wall even quicker and easier to use.

For applications that require the highest possible sound insulation, Variflex offers a special range of acoustic panels. These stylish and modern looking panels incorporate slots or perforated surfaces which have been designed to absorb the sound rather than reflect it. Various patterns of perforation and slotting can be achieved to enhance the system design and create the desired visual effect.

System features:

- Sound insulation up to 60dB
- Available with fire rating F30 and F90
- Wide range of surface finishes available
- Available as a manual or semi-automatic system
- Multiple configurations



Variplan

For installations that do not require a high level of sound insulation DORMA offers Variplan, a folding wall system that provides very quick and simple room division.

Providing the advantages of a fully fledged fixed wall, the concertina style wall can be moved into position in seconds, unfolding to create a completely new working area. Ideal for use in school, colleges and offices Variplan's double-skin construction provides a low level of sound insulation but will allow events to take place simultaneously in separate areas with little disturbance.

Available with a wide range of attractive surface finishes including wood veneers and polymer laminates, Variplan will blend it with its surroundings whether for a retro-fit or new build project.

System features:

- High stability with flush surface thanks to composite panel construction
- Flexible bottom seal protects against draughts
- Easy operation thanks to lever and spring mechanism
- Quiet action with plastic-tyred track rollers mounted in ball bearing
- Space saving stowage with interlinked panels folding together in a compact stack
- Ideal for retro fits



HSW-EM

DORMA's HSW-EM is an innovative automatic glass sliding shopfront and partition system which enables architects and designers to create entrances and display windows which can melt away into thin air at the touch of a button. Whenever the proprietor decides, the panels can be moved away with no effort, taking away the barrier between potential customers and the shop's goods and services.

HSW

The system is also available as a manual system with the panels being moved by hand into the stacking area.

Any or all of the sliding panels can be equipped to act as single or double action swing doors allowing the design to cope with a variety of traffic flows when the system is closed. When the system is opened the doors and panels are stored in parking bays.

Features

- Automatic sliding glass partition system which is ideal for shop fronts and internal partitions
- Panels can be moved with no effort at the push of a button
- Fixed or sliding panels
- Ceiling mounted, so there are no floor channels or guides; no obstacles to trip over and no dirt traps
- Can cope with complex designs including curves
- Available with all glass or framed panels



Varitec

Varitec is a vertical sliding wall system that is stored invisibly above the suspended ceiling, a particularly useful feature if the application has restricted space, for example in a narrow passageway.

Varitec elements are guided by vertical profiles either side of the system that offer anti-lift and anti-leverage protection to discourage intruders and prevent vandalism. Particularly narrow horizontal gaps between the elements eliminate an danger of finger becoming trapped. The contact strip integrated in the bottom slat causes the system to stop immediately on obstruction detection.

(Varitec is also available with aluminium sections).

System features:

- Fully automatic operation
- Available with glass or aluminium sections
- Anti lift and push protection
- Contact strips to prevent crushing
- Emergency operation in event of a power failure

Multiroll curtain system



Multiroll

Multiroll is a partition curtain that has been designed for use in large sports or multi-purpose halls.

This fully automatic system unrolls at the bush of a button to allow the utilisation of space, creating two or more separate areas. When not in use Multiroll is hidden in the roof area not taking up any of the floor space. Lateral guides can also be installed to guide the curtain into position, these move with the lowering and lifting of the curtain ensuring smooth and safe operation at all times.

The flexibility of Multiroll means it can easily overcome obstacles such as steps, slopes or seating areas.

System features:

- Flame retardant
- Fully automatic operation
- Range of colours
- Easy clean, hardwearing material





Automatics Division

- Straight and curved sliding doors
- Space-saving and folding doors
- Swing doors
- Low energy swing doors
- Revolving doors

Email: autos@dorma-uk.co.uk



Door Controls Division

- Door closers
- Door handles
- Locks
- Panic hardware

Email: hardware@dorma-uk.co.uk



Glass Division

- Glass patch fittings
- Shower door fittings
- Glass systems including:
 - Manet
 - Horizontal Sliding Walls
- Structural glazing systems

Email: glass@dorma-uk.co.uk



Service Division

- Manual doors
- Automatic doors
- Industrial doors
- Security and locks

Email: service@dorma-uk.co.uk

DORMA UK Limited, Movable Walls Division has comprehensive brochures on each of the products featured in this guide. To receive further details, please complete and return this information request form.

- MOVEO - pages 3 - 5
- Variflex page 6
- Variplan page 7
- HSW page 8
- Varitec page 9
- Multiroll page 10

Other DORMA products:

- Door hardware
- Automatics and revolving doors
- Glass systems and fittings
- Service and maintenance

Please indicate the nature of your enquiry:

- Current Project
- Future Project
- Information Update
- CPD Seminars
- Showbus visit

Name

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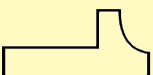
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