

VariSmart™

1. Manufacturer & Product

- A. Manufacturer : DORMA Movable Walls
- B. Product: VariSmart™
- C. No other substitutes are permitted.
- D. Contact: 1800 675 411

2. Operation

A. Series of individual flat panels, manually operated, top supported with retractable top and bottom seals, travelling along a ceiling track and assembled to form a solid wall. The entire system must function as a solid wall and even when closed should reveal minimal screws, fixings or other similar metal parts.

B. Final closure method shall be (select one):

- Horizontally expanding panel. Full height fixed hinged panel

3. Construction

A. Nominal 90mm thick panels (max 1200mm width). The panel frame shall consist of torsion-free steel horizontal RHS, and torsion stiff adjustable aluminium vertical members. The horizontal panel edge shall not have an aluminium trim.

B. Vertical panel trim:

shall have a protective wrap-around trim no greater than 10mm.

C. Each panel shall be lined with Medium Density Fibreboard hung in acoustic free suspension from the panel frame. The panel skin shall be installed on site and able to be replaced without totally disassembling the panel frame. The panel shall be constructed to achieve (select one). (see Variflex Solid 100 for acoustic ratings up to Rw55)

- Rw36
- Rw40
- Rw45

4. Acoustic Sealing

A. Vertical sound seals: The panels shall be interconnected by means of a concave/convex aluminium profile. Each vertical profile shall incorporate a vinyl acoustic seal.

B. Horizontal Seals: Each panel shall have spring-loaded seals that are pressed against the surfaces of the floor and of the ceiling head track by means of a spindle mechanism. Polyurethane corner blocks provide an overlapping acoustic seal of horizontal sealing strips. The total force provided of each seal is 150kPa.

C. The seal spindle mechanism must be assessable while the panel is hanging for servicing and adjustment if necessary. Total disassembly of the panel frame to access internal components is not acceptable.

5. Suspension & tracking system

A. Tracking configuration shall be (Select one) :

- 1-Point Suspension suitable for centre tracking.
- 2-Point Suspension suitable multi-directional tracking.

B. Track systems : Type RT50 aluminium track, capable of centre stacking (1-point suspension). R type aluminium track capable of multidirectional right angle tracking (2-point suspension). The carrier shall consist of a four-sided die cast aluminium body. Multidirectional ball bearing wheels shall be steel-rimmed mounted to each of the four sides and shall be capable of navigating track intersections. The trolley shall incorporate four nylon horizontal navigation wheels, mounted to the top of the trolley body, to provide additional guidance for smooth operation.

6. Finish

A. All exposed aluminium components shall be (select one) :

- Natural anodised (Standard).
 - Powdercoated from the DORMA standard range.
- B. All tracks shall be Powdercoated DORMA standard white.
- C. Operable Wall Panel faces to be finished with ... (Please nominate finish).

7. Installation & Warranty

A. Installation to be performed by DORMA, or their authorised installation agent.

B. VariSmart™ Operable Walls are guaranteed against faulty workmanship and materials (Excludes Finishes) for a period of 24 Months. This term can be extended upon entering a service and maintenance agreement. Complete warranty terms and conditions are available from DORMA.