

PREMIER RANGE *(individual panel acoustic movable wall system)* - Technical Information

SYSTEM TYPE	85c	100	110 & 110c
Panel Suspension	Top hung only	Top hung only	Top hung only
Track System	Single/twin point	Single/twin point	Single/twin point
Panel Thickness	85mm	100mm	110mm
Panel Height	Up to 3,000mm	Up to 3,000mm Heights greater than 3,000mm refer to our technical department	Up to 3,000mm - Heights greater than 3,000mm refer to our technical department. Inset pass doors above 2,400mm. Full height pass doors up to 3,000mm high. Document "M" DDA compliant disabled doors optional
Maximum Height	3,000mm	6,000mm (heavy duty track)	6,000mm (heavy duty track)
Panel Width	700mm - 1,200mm	600mm-1,200mm	600mm-1,200mm
Frame Construction	Aluminium/Steel	Aluminium/Steel	Aluminium/Steel
Face Material	12mm	12mm/15mm/18mm	12mm/15mm/18mm
Fire Safety	Class '1' or '0' optional	Class '1' or '0' optional	Class '1' or '0' optional
Vertical Profiles	Aluminium, anodised with sealing profiles	Aluminium, anodised with sealing profiles. Painted optional	Aluminium, anodised with sealing profiles. Painted optional
Retractable Seals	Aluminium, black with double rubber seals	Aluminium, black with double rubber seals	Aluminium, black with double rubber seals
Operation of Seals	Manual, via operating handle	Manual, via operating handle	Manual, via operating handle
Locking	N/A	N/A	Optional lock to pass doors
Doors	N/A	N/A	Single inset door within panel or fixed full height single door
Acoustic Rating	44 dB	40, 44, 47, 50 dB	40, 44, 47, 50, 53, 55, 57 dB
System Weight	Approx. 44 Kgs per m2	Approx. 40-50 Kgs per m2	Approx. 40-57 Kgs per m ²



CONTACT US

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8 College Walk, Kidderminster, DY10 1PL

FURTHER TECHNICAL INFORMATION IS AVAILABLE UPON REQUEST
PLEASE CONTACT OUR SALES TEAM FOR DETAILS

PREMIER Stacking Options

Layout A: Single point
Suspension Centre Stack



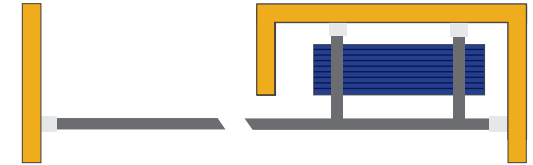
Layout B: Two point
Suspension Side Stack



Layout C: Two point
Suspension Offset Stack



Layout D: Two point
Suspension Parallel Stack



PREMIER Acoustic Information

ACOUSTIC RATING (dB Rw)	APPROXIMATE PANEL WEIGHT (Kgs per m ²)
40	40
44	44
47	47
50	50
53	53
55	55
57	57

Sound reduction dB ratings are often quoted from laboratory test results which are misleading in respect of final performance values. They are merely useful for initial specification purposes. Independent on-site tests as carried out by Variwall Partitions Limited are recommended as in-situ results will differ from laboratory test certification and are therefore the only true guide to achievable sound attenuation.

Please note that we are available to provide sound certificates upon request.



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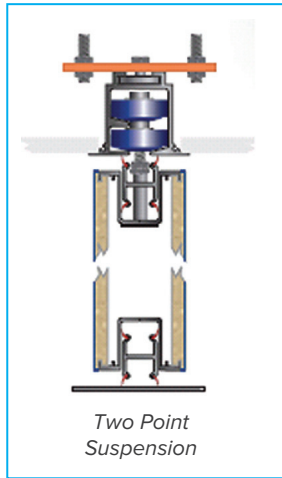
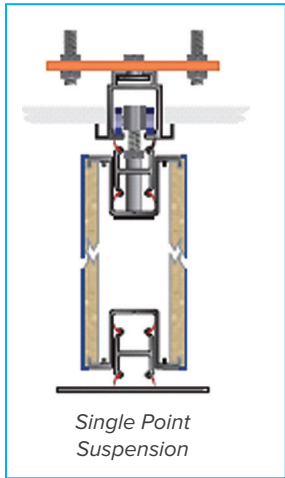
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PREMIER Fixing Details

Cross Sections through Panels



The Variwall Partitions PREMIER system is purely top hung. The track from which the panels are suspended can be fixed to many different types of soffit in many different ways. The stacking arrangement that you choose will determine whether your system is suspended from a single trolley or two trolleys.

OBLIQUE Finishes & Colours



Melamine Faced Chipboard (MFC)

Other finishes available include: Hardwood Veneers (Ash, Steamed Beech, Cherry, Maple, Oak, Sapele) Dry Wipe Whiteboard, Laminate, Vinyl and Pinboard.



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PREMIER NBS Style Technical Specification

L20 A DOORS/SHUTTERS/HATCHES

545 MOVABLE SLIDING/FOLDING PARTITION WALL SYSTEM TO

SUPPLIER: Variwall Partitions Limited, 8 College Walk, Kidderminster, DY10 1PL; Tel: 01562 744 313 Web: www.variwall.co.uk

PRODUCT REFERENCE: PREMIER Individual Panel Movable Wall

ACOUSTIC RATING: Rw 37, 40, 44, 47, 50, 53, 55 and 57 dB in accordance with BS2750: Part 3 – 1980 and ISO 140.3 – 1978

PARTITION ABUTMENTS:

- Head:**
1. Directly fixed to a suitable supporting structure via M8 Coach Screws
 2. Steel Beam (Track to be fitted using M10 drop rod suspension system)
 3. Concrete Soffit (Track to be fitted using M10 drop rod suspension system)

Deflection: +/- 5 mm

Floor Finish: TBC

Wall/Vertical Structure: TBC

FRAMING: Semi-Concealed aluminium perimeter frame which protects the edge of the panel without lipping on to the face.

SEALS: Top and bottom manually operated box seals with positive male / female vertical profiles. (Rubber inserted nosings are not acceptable)

PANEL CONSTRUCTION: 12, 15, or 18 mm Chipboard with Rockwool and acoustic core materials as required.

FINISH: Choice from Veneer, Vinyl, Laminate, Spray Paint or Melamine from our standard range.

OPENING SIZES:mm wide xmm high

COMPRISING OF: Nr Standard Panels and 1 Nr Telescopic Closure Panel

PANEL WIDTHS: mm wide

OTHER DETAILS: Panels can have dado rails, skirtings, mouldings etc. applied. An integral telescopic sliding seal is available, if required.

ADDITIONAL NOTES:

Void between head track and soffit should be filled with an acoustic baffle, constructed to an equivalent acoustic rating as the movable wall.

Head track can be incorporated into the ceiling / bulkhead construction utilising the unique head track section which has a built in support lip.

Single or Twin Point head track to be powder coated White to a RAL 9010 specification.

Partition is to be lockable when parked, to avoid unauthorised use.

For ease of future maintenance, panels must be capable of being repaired and re-assembled on site without needing to be returned to the factory. Additionally, the panels should also be capable of being removed from the head track without removing a section of head track.



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