

LINEAR *(push/pull operated straight sliding partition system)* - Technical Information

SYSTEM TYPE	LINEAR M80
Panel Suspension	Floor track with top guide or top hung with floor guide
Track System	Straight sliding panels either beside wall or within stacking recess pocket
Panel Thickness	80mm
Panel Height	Up to 3,000mm Heights greater than 3,000mm refer to our technical department
Maximum Height	4,000mm
Panel Width	Up to 1,100mm per panel - 3 panels can be joined together to form one single wing
Frame Construction	Aluminium / Steel
Face Material	12mm
Fire Safety	Class '1' or '0' optional
Vertical Profiles	Aluminium, anodised with sealing profiles complete with integral hinges
Top & Bottom Sweep Seals	Yes
Locking	Optional
Doors	N/A
Acoustic Rating	35, 39, 42, 44 dB
System Weight	Approx. 35 - 44 Kgs per m ²



CONTACT US

www.variwall.co.uk

Email: info@variwall.co.uk

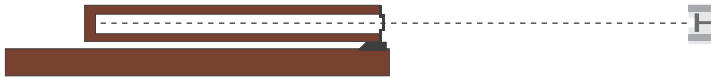
Tel: 01562 744 313

8 College Walk, Kidderminster, DY10 1PL

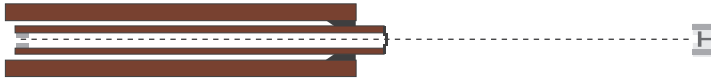
FURTHER TECHNICAL INFORMATION IS AVAILABLE UPON REQUEST
PLEASE CONTACT OUR SALES TEAM FOR DETAILS

LINEAR Stacking Options

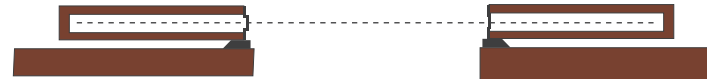
Single wing beside wall



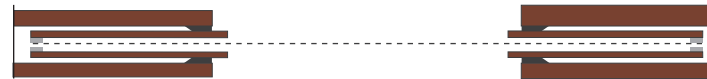
Single wing in pocket



Bi-parting beside wall



Bi-parting in pocket



LINEAR Acoustic Information

ACOUSTIC RATING (dB Rw)	APPROXIMATE PANEL WEIGHT (Kgs per m ²)
35	35
39	39
42	42
44	44

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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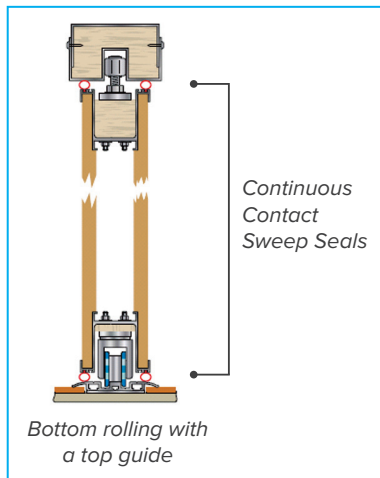
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LINEAR Fixing Details

Cross Sections through Panels



The Variwall Partitions LINEAR system is bottom rolling, supported by a shallow floor track with a top guide rail to act as a lateral restraint. The top guide track from which the panels are suspended can be fixed to many different types of soffit in many different ways.

The system is a push/pull operated straight sliding partition which can either be supplied as a single wing or bi-parting and can stack parallel with an adjacent wall or within a purpose built stacking pocket.

LINEAR 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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LINEAR 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: LINEAR push/pull operated straight sliding partition system

ACOUSTIC RATING: Rw 35, 39, 42 and 44 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

Floor Track: Surface fixed threshold strip or, for top hung variants, an optional floor channel is available Wall/Vertical Structure: TBC

FRAMING: Semi-Concealed aluminium vertical section with exposed horizontal top and bottom profile. This provides strength without a full unsightly frame.

SEALS: Top, bottom and vertical rubber bulb seals.

PANEL CONSTRUCTION: 12 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 Panels (single wing / bi-parting)

STACKING: Beside wall / within purpose built pocket

PANEL WIDTHS: mm wide

ADDITIONAL NOTES:

Straight sliding panels may stack either parallel with an adjacent wall or within a purpose built stacking pocket.



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