

# OBLIQUE *(hinged panel sliding folding partition system)* - Technical Information

SYSTEM TYPE	M70	M80
Panel Suspension	Floor track with top guide or top hung with floor guide	Floor track with top guide or top hung with floor guide
Track System	Centre or End Folding	Centre or End Folding
Panel Thickness	70mm	80mm
Panel Height	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
Maximum Height	4,000mm	4,000mm
Panel Width	250mm x 900mm	250mm x 900mm
Frame Construction	Aluminium/Wood	Aluminium/Steel
Face Material	12mm	12mm
Fire Safety	Class '1' or '0' optional	Class '1' or '0' optional
Vertical Profiles	Aluminium, anodised with sealing profiles. Full length piano hinges	Aluminium, anodised with sealing profiles. Full length piano hinges
Top & Bottom Sweep Seals	Yes	Yes
Locking	Flip bolts to floor track	Espagnolette bolts by operating handle supplied
Doors	Communicating door panel with optional lock	Communicating door panel with optional lock
Acoustic Rating	35, 39, 42dB	35, 39, 42, 44dB
System Weight	Approx. 35-42 Kgs per m <sup>2</sup>	Approx. 35-44 Kgs per m <sup>2</sup>



## CONTACT US

[www.variwall.co.uk](http://www.variwall.co.uk)

Email: [info@variwall.co.uk](mailto:info@variwall.co.uk)

Tel: 01562 744 313

8 College Walk, Kidderminster, DY10 1PL

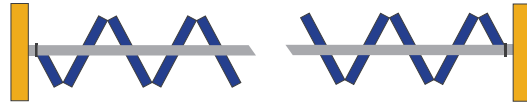
FURTHER TECHNICAL INFORMATION IS AVAILABLE UPON REQUEST  
PLEASE CONTACT OUR SALES TEAM FOR DETAILS

# OBLIQUE Stacking Options

Centre-fold to one side



Centre-fold bi-parting



End folding to one side



End folding bi-parting



# OBLIQUE Acoustic Information

ACOUSTIC RATING (dB Rw)	APPROXIMATE PANEL WEIGHT (Kgs per m <sup>2</sup> )
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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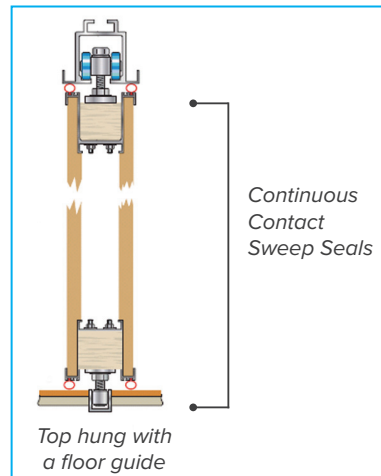
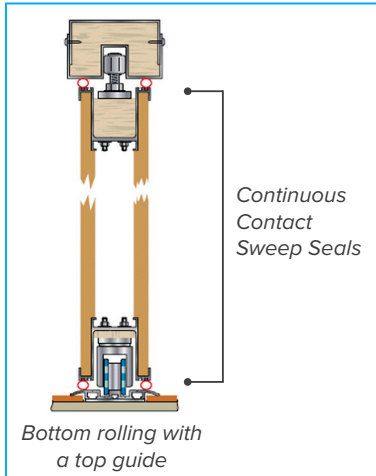
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# OBLIQUE Fixing Details

Cross Sections through Panels



The Variwall Partitions OBLIQUE 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 stacking arrangements available are either centre folding, central stack or end folding, offset stack.

# 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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# OBLIQUE 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:** OBLIQUE hinged panel sliding / folding 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 x .....mm high

**COMPRISING OF:** ..... Nr Panels (end panel or middle panel acts as a full height communicating pass door)

**PANEL WIDTHS:** ..... mm wide

#### **ADDITIONAL NOTES:**

Oblique **M70** utilises flip bolts to floor track. Oblique **M70** utilises full length Piano hinges. Oblique **M80** utilises Espagnolette bolts.

Oblique **M80** utilises individual butt hinges



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