

VARIFLEX SOLID 100

Operable walls and doors

Variflex is the obvious choice when designing projects of unmatched quality.

Engineered in Germany, Variflex is a stylish, robust and functional system perfect for hotels, conference centres, education facilities, public buildings or any environment requiring maximum acoustic control and room flexibility.

Variflex movable walls enable room layouts to be swiftly changed according to needs.

With an almost infinite choice of designs and materials to cater for the most sophisticated design and layout requests

Successfully Merging Function & Aesthetics:

- Acoustic ratings Rw 38 to Rw 55
- Suspended removable panel faces (Freely oscillating for maximum sound control).
- Seamless panels or supplied with protective trim.
- Advanced acoustic interlocking panel-to-panel mating with

magnetic sealing.

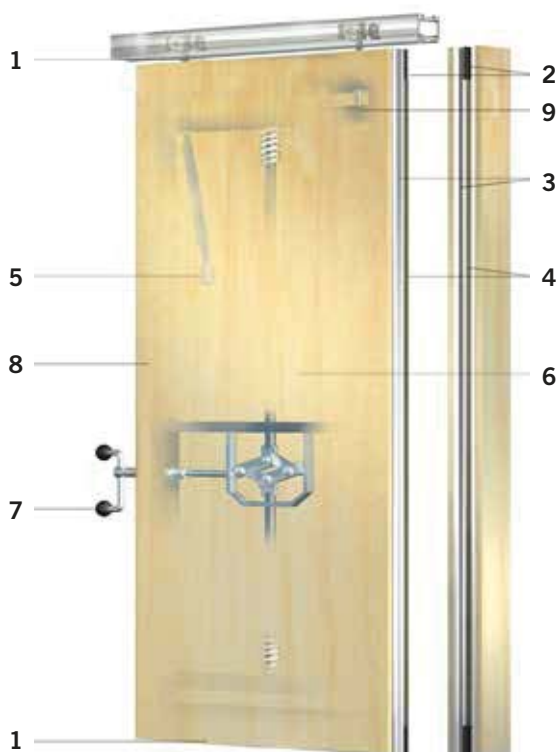
- German engineered technology & quality.
- Horizontal seals can be fully automated (See Variflex Solid SA).
- Unlimited choice of finishes available
- Fully automated operation with *ComfortDrive** optional



Concealed profile (K)



Protective profile (U)



Dimensions		
Model	Solid 100	
Panel thickness	100mm + finishes	
Clear height	2,000mm to 14,500mm	
Max panel width	1,200mm	
Operation		
Manual movement and seal	Standard	
ComfortDrive* (Fully automated)	Optional	
Construction		
Frame type	Aluminium-steel	
Panel face attachment	Hung in acoustic free suspension (face panel replacement possible)	
Vertical profile design	Aluminium profile with integrated magnetic Strip and external sealing lips	
Vertical profile	"K" - Concealed Vertical frame	"U" - Protective Vertical frame
Technology		
Tracking options	Single-point centre tracking (up to 3600mm) Double point multi-directional tracking	
Contract pressure of horizontal sealing mechanism of each panel	Up to 800 N	
Positive locking and sealing of the vertical connectors	Concave/Convex profile, magnetic strip force of attraction 40N/running meter	
	Rw 38 (38Kg/m2)	
Acoustic option/ weights	Rw 44 (42Kg/m2)	Rw 45 (42Kg/m2)
For walls up to 6400mm H (+5Kg/m2 greater than 6400mm)	Rw 49 (50Kg/m2)	Rw 50 (50Kg/m2)
*does not include additional finish options	Rw 52 (58Kg/m2)	
	Rw 55 (66Kg/m2)	

Equipment	
Operating mode	Panels are moved manually, and horizontal sealing activated manually
Panel types	Full wall panel, telescopic panel, 90 Degree corner panel, Inset Pass door panel, Full height jamb fixed pass door panel
Telescopic panel design	Surface operated mechanism with overlapping thrust unit

1. Horizontal seals
2. Corner seals
3. Vertical convex/ concave seals
4. Integrated magnetic sealing strip
5. Removable freely suspended panel faces.
6. Soundproofing material
7. Operating handle
8. Aluminium/steel frame
9. Height adjustable roller assemblies

*Refer to ComfortDrive information