

VARIFLEX SOLID 100 SA

Operable walls and doors

Variflex SA is a unique automated solution that eliminates the need to manually engage each seal.

Engineered in Germany, Variflex successfully merges technology and function to provide a solution that has been previously unavailable.

Seals are automatically engaged as panels are positioned, greatly simplifying the setup process and saving valuable time.

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.

Leading the field in movable wall technology:

- Acoustic ratings Rw 38 to Rw 55.
- Horizontal seals are automatically engaged via an electric drive system.

- Suspended removable panel faces (Freely oscillating for maximum sound control).
- Seamless panels or supplied with protective trim.
- Unlimited choice of finishes available.
- Fully automated operation with *ComfortDrive** optional.



Concealed profile (K)



Protective profile (U)

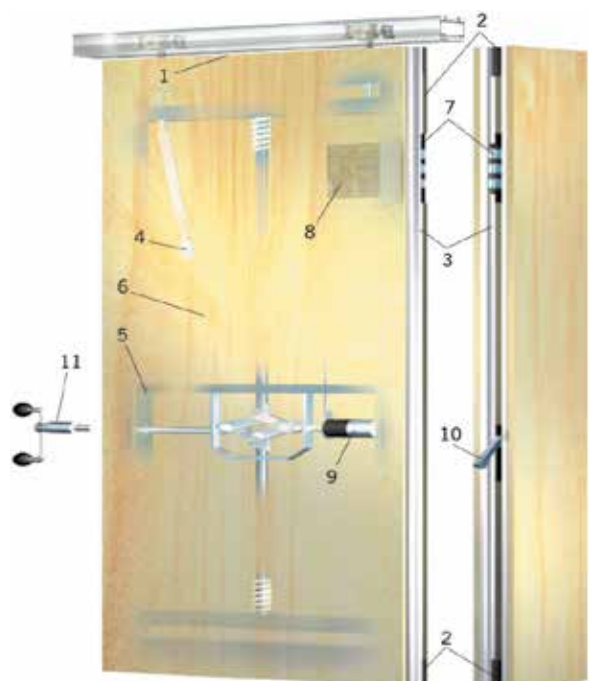
Dimensions	
Model	Solid 100 SA
Panel thickness	100mm + finishes
Clear height	2,000mm to 6,000mm
Max panel width	1,200mm

Operation	
Manual movement & automatic 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	<table border="0"> <tr> <td>“K” - Concealed Vertical frame</td> <td>“U” - Protective Vertical frame</td> </tr> </table>	“K” - Concealed Vertical frame	“U” - Protective Vertical frame
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Technology	
Tracking options	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)
*does not include additional finish options	Rw 49 (50Kg/m2) Rw 50 (50Kg/m2)
	Rw 52 (58Kg/m2)
	Rw 55 (66Kg/m2)

Equipment	
Operating mode	Panels are moved into position manually. Seals are electronically controlled via a key switch and are extended / retracted automatically without the use of a crank handle
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 with integrated magnetic strip
 4. Removable freely suspended panel faces'
 5. Aluminium/steel frame
 6. Soundproofing material
 7. Panel-to-panel low voltage contacts
 8. Control-logic board
 9. 24V motor for powering the seal drive mechanism
 10. Optional toggle lever
- Manual backup handle in the event of power failure.

*Refer to ComfortDrive information