SoundStop®

CS SoundStop Single unit with STC 42 / RW 42 dB door

Bi-Parting unit with STC 42 / RW 42 dB doors incorporating magnetic joining seals

Bi-Parting acoustic doors (STC 35 / RW 35 dB)

CavitySliders®

SoundStop®

Features

Combining all the features of our standard models with the added benefit of measured acoustic ratings up to STC42/RW 42 dB, these units are supplied complete with a specialised acoustic door panel when an acoustic rating above STC 31/RW31 dB is required.

- Units fully accredited and tested by Acoustics Testing Services (up to STC42/RW 42 dB using lead lined acoustic door).
- Fits into standard thickness stud walls.
- Supplied as a complete unit with door and seals factory fitted.
- No visible guides in the opening or on the door.
- Large SoundStop timber doors may be manufactured in two pieces with a specialised joining system, creating a negative detail on both sides of the door.
- Brush seals are fitted to the bottom of the door and a seal bar to the back edge of the door.

AluTec® SoundStop®

Our specialised AluTec SoundStop aluminium door leaf can be used with the SoundStop cavity slider.

It has been tested to STC 36/RW 36 dB and is suitable for single doors up to 2500 x 2200mm. GIB® Noiseline® 13mm linings must be used with this option.

Technical Information

Useful formulas (online calculator on our website)

Dimension Required	Single	Bi-Parting
Trim height[1]	DH + 95	DH + 95
Trim width[1]	(DWx2)+30	(DWx4)+10
Distance between jambs[1]	DW - 31	(DWx2)-42
Distance over jambs (Arch)	DW + 13	(DWx2)+6
Distance over jambs(Grvd)	DW + 31	(DWx2)+20
Distance over jambs(Alum)	DW + 32	(DWx2)+20
Floor to top of head (Arch)	DH + 38.5	DH + 38.5
Floor to top of head (Grvd)	DH + 49.5	DH + 49.5
Floor to top of head (Alum)	DH + 44.5	DH + 44.5
Floor to underside of head[2]	DH + 18.5	DH + 18.5
Floor to u/side head(Alum)	DH + 13.5	DH + 13.5

DH = Door Height DW = Door Width. Note: All dimensions are in millimetres.
1 = Same calculations for Architrave (Arch), Grooved (Grvd) timber & aluminium jambs.
2 = Same calculations for Architrave (Arch) & Grooved (Grvd) timber jambs.

How to specify (example)

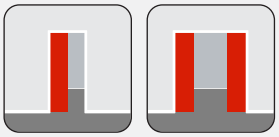
Product:	~ CS SoundStop Cavity Slider
Location:	~ Media Room
Door leaf dimensions:	~ 2200mm x 1600mm
Door type:	~ CS AluTec
Single or Bi-Parting:	~ Single
Jamb type & finish:	~ Pine flat (for architraves)
Framing material & size:	~ 90mm timber framing
Wall lining thickness:	~ 13mm (minimum)
Acoustic Rating:	~ STC 36
Handle type:	~ CaviLock CL100 Lever

Full specifications: www.masterspec.co.nz or www.natspec.com.au

Options

Incorporate any of the architectural detail options below with the CS SoundStop cavity slider to create a specific look or to provide a unique solution to your design requirements.

Configurations

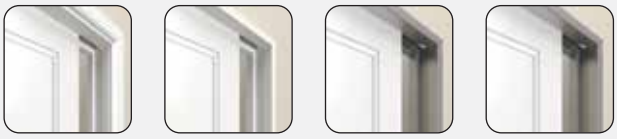


Single Bi-Parting

Note: Full-Height and NoClosingJamb detail options are not available with this product.

It is recommended that heavy doors protrude 100mm from the pocket.

Jamb Options



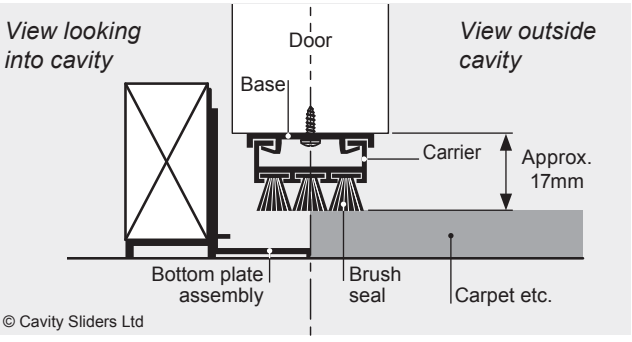
Architrave Grooved AluSealed® Hi-Impact

ShadowLine Custom

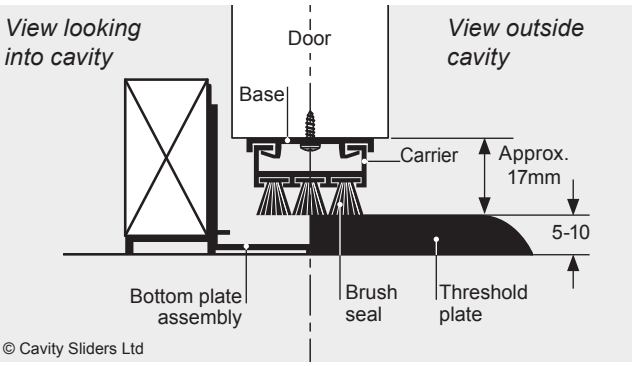
Specialised

Door Protrusion
H3 Components

Detail 1: 12-15mm of floor covering



Detail 2: Minimal or no floor covering present



Drawings are not to scale. All dimensions in mm.

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