

FramelessGlass™

Cavity sliders are all about space. The term 'cavity slider' refers to the cavity pocket (including track & carriages) installed within wall framing that allows a door to <slide> inside the wall. The benefit is a solution that leaves clear space on both sides of the wall and opening, encouraging cohesion between spaces.

A **CS FramelessGlass** unit is distinctive. It uses a glass door leaf instead of a typical wooden door. The glass can provide a clear and unobstructed view through the doorway whether the door is open or closed.

CS FramelessGlass is a cavity slider that has a toughened glass sheet fitted for a door.

Frosted glass and other finishes, including 'branded options' are available for privacy.

Regardless of the glass finish you choose, light can pass through the door and between spaces.

The translucent nature of a glass door provides an increased outlook and enhanced feeling of spatial flow.



↑ 1 - Automated CS FramelessGlass Single unit with frosted glass door in an operating theatre.

See-through Space

Design Features & Options

- ▮ Various glass door options available including clear, frosted and tinted.
- ▮ Designed to fit into standard wall framing (90 x 45mm kiln dry).
- ▮ Available as Single or Bi-Parting double units.
- ▮ Can be supplied in two ways:
 1. Clamp bracket (that holds the glass) hidden above head jambs - gives a clean look.
 2. Clamp bracket visible below head jambs - access to carriages is easy and clearance is increased between floor and underside of head jambs.
- ▮ Supplied with wool-pile brush seals fitted to the jambs, which protect and help guide the glass door.
- ▮ Toughened glass door is very stable even in varying temperatures.
- ▮ The glass has an STC rating of 31, which aids in the sound reduction quality of the overall product.



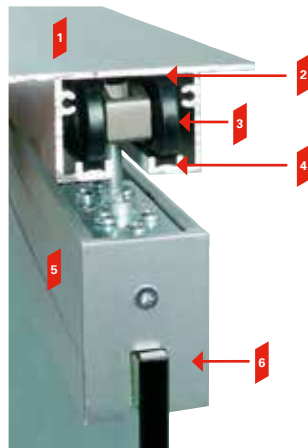
▲ 3 - CS FramelessGlass Single unit with etchlight glass door.



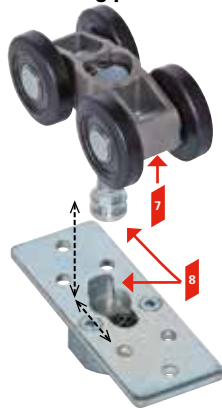
4 - CS FramelessGlass ▶ Single unit with tempaclad frosted glass door.

▲ 2 - Two CS FramelessGlass Single units with frosted glass doors and custom s/steel handles fitted.

Why specify CS CavitySliders?



Standard 4-wheel carriage & mounting plate*



*Aust. patent 2005202818

Product Range

We have over 50 standard products or if you have other ideas, we can make to order.

Our Guarantee



* Guarantee conditions apply. Contact CS for details.

Quality

Our aim is to make the best quality cavity sliders. Therefore, every component is uniquely designed with this in mind.

Technology & Innovation

Our engineers focus on constantly developing new products & refining existing ones. That's why our products come with a number of unique features. A few exclusive **CS CavitySliders** features (refer to pics on left):

- 1 Heavy duty one-piece extruded aluminium track.
- 2 Minimal carriage clearance inside the track ensures the door can't become jammed or jump off the track.
- 3 Large diameter wheels with precision ground bearings ensure smooth running on carriages for years to come.
- 4 Radiuses on track surfaces reduce friction and prevent dust build up on carriages.
- 5 Glass clamp rail.
- 6 Removable end cap.
- 7 4-wheel carriages are standard on all CS FramelessGlass units.
- 8 The quick release system allows the door to be removed easily from the cavity without altering door height adjustments.

Check out the full range of products and use our on-line calculator at:

www.cavitysliders.com.au

Technical Information

How to specify (example)

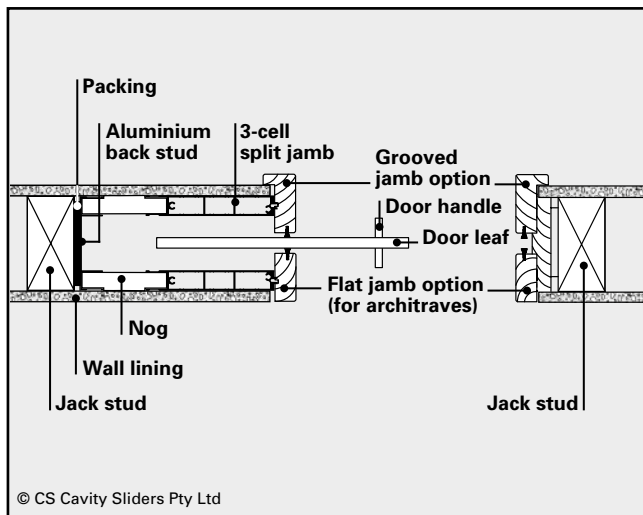
Product:	~ CS FramelessGlass by CS GROUP
Location:	~ Meeting room
Door leaf dimensions:	~ 2052 mm x 760 mm
Door type:	~ 10mm toughened glass
Glass finish:	~ Etchlite
Single or Bi-Parting:	~ Single
Jamb type & finish:	~ Grooved (for wall linings); Clear pine
Framing size & material:	~ 90 mm timber framing
Wall lining thickness:	~ 10 mm
Gear type & finish:	~ CS 240kg track system & FramelessGlass clamp
Handle type:	~ 10mm glass D-pull handle

Useful formulas (online calculator: www.cavitysliders.com.au)

Dimension Required	Single	Bi-Parting
Trim height*	DH + 95	DH + 95
Trim width*	(DWx2) - 70	(DWx4) - 190
Distance between jambs*	DW - 31	(DWx2) - 42
Distance over jambs (Arch)	DW + 13	(DWx2) + 6
Distance over jambs (Grvd)	DW + 31	(DWx2) + 20
Floor to top of head (Arch)	DH - 33	DH - 33
Floor to top of head (Grvd)	DH - 22	DH - 22
Floor to underside of head*	DH - 53	DH - 53

DH = Door Height DW = Door Width
 * = Same calculations for both Architrave (Arch) & Grooved (Grvd) jambs
 Note: All dimensions are in millimetres

Plan view (CAD)



Detail Options

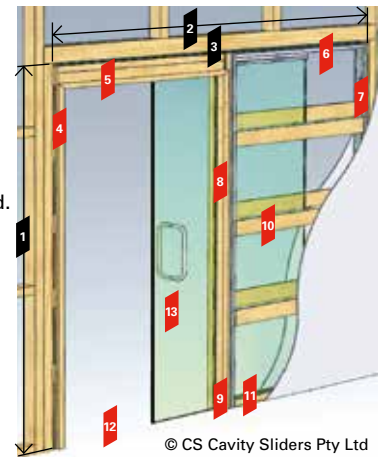
- Full-Height™
- CornerMeeting™
- ShadowLine™
- SquareStop™

Check out our detail options in more detail online: www.cavitysliders.com.au

Incorporate any of the above architectural detail options with the CS FramelessGlass cavity slider to create a specific look or to provide a unique solution.

Standard CS FramelessGlass Features

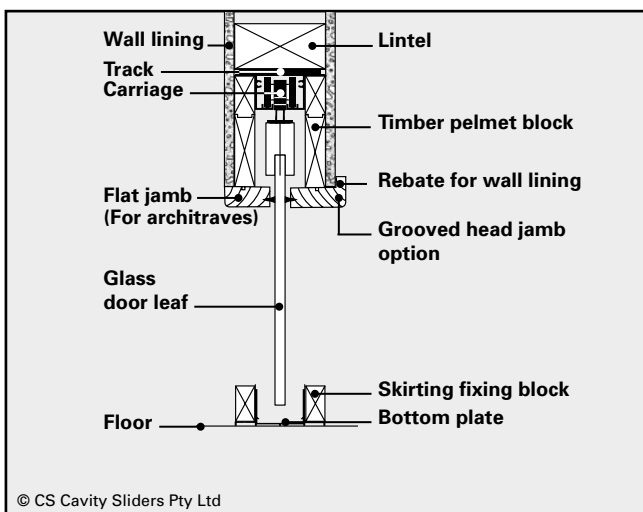
- 1 Trim height**
- 2 Trim width**
- 3 Lintel**
Is part of the framework.
- 4 Closing jamb**
Always quoted as standard. Can be omitted if not needed.
- 5 Jamb liners**
Available as:
 - flat jambs ready for architraves or
 - grooved for wall linings.
 - Jambs fitted with brush seals to protect and guide door.
- 6 Track in one piece**
Heavy-duty aluminium.
- 7 Back stud**
Strong and made of reliable, heavy-duty aluminium.
- 8 Split jambs**
3-Cell aluminium split jamb for strength.
- 9 Bottom plate**
One-piece in aluminium.
- 10 Pine nogs**
Fitted on both sides and offset for adjacent wall fixing.



If extra fixing is required then in some cases extra nogs can be supplied or even a full sheet of ply on one side.

- 11 Skirting blocks**
On either side of the bottom plate, to fix both linings and skirting.
- 12 No visible floor track or guide.**
The door opening is always clear.
- 13 Frameless glass door leaf**
Normally supplied as 10mm or 12mm thick toughened glass.

Elevation (CAD)



Drawings are not to scale. All dimensions in mm.

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Another quality product from:

CavitySliders
 Innovative Door Solutions