

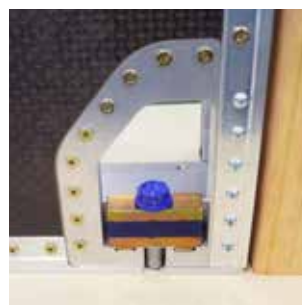
*CS BraceWall unit installed into timber framing*



*BraceWall SquareFormed cavity slider*



*BraceWall single cavity slider with flush door*



*BraceWall fixing system*



## Features

**CS BraceWall®** is a cavity slider designed to be used in areas where wall bracing is required. These units combine the benefits of our standard range with the added advantage of an integrated bracing panel.

- Tested and analysed by BRANZ using the P21 method as per NZS 3604:2011.
- Bracing units obtained per metre width of door are greater than many other bracing systems.
- Available with timber or aluminium jambs.
- Bracing Units are not reliant on wall linings (e.g. Gib Braceline).
- Entire unit fits within standard 90mm framing.
- Meets all relevant provisions of the New Zealand Building Code, clause B1 'Structure' and B2 'Durability.'

## Door size

Up to 2982mm high x 1584mm wide with no joins in the ply. Maximum door size 2982mm high x 3213mm wide using two ply panels.

Over height panels can be obtained by special design up to 4 metres. Minimum door width 710mm.

## Technical Information

**Useful formulas** (online calculator @ [www.csfordoors.co.nz](http://www.csfordoors.co.nz))

Dimension Required	Single	Bi-Parting
Trim height <sup>1</sup>	DH + 84	DH + 84
Trim width <sup>1</sup>	(DWx2)+30	(DWx4)+10
Distance between jambs <sup>1</sup>	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 + 18.5
Floor to underside of head <sup>2</sup>	DH + 18.5	DH + 18.5
Floor to underside of 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 Arch & Grvd timber jambs.

Calculate bracing units online:  
[csfordoors.co.nz/Technical/Calculators](http://csfordoors.co.nz/Technical/Calculators)

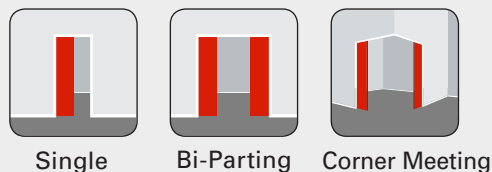
### How to specify (example)

Product:	~	CS BraceWall by CS FOR DOORS
Location	~	Living
Door leaf dimensions:	~	2400 x 1200
Door type & finish:	~	Paint quality, flush
Single or Bi-Parting:	~	Single
Jamb type & finish:	~	Pine Flat for architraves
Framing size & material:	~	90mm timber framing
Wall lining thickness:	~	10mm
Handle type:	~	CL200 Passage
Concrete or timber fixing:	~	Concrete
Ply left or right of pocket:	~	Left

Full specifications: [www.masterspec.co.nz](http://www.masterspec.co.nz)

## Options

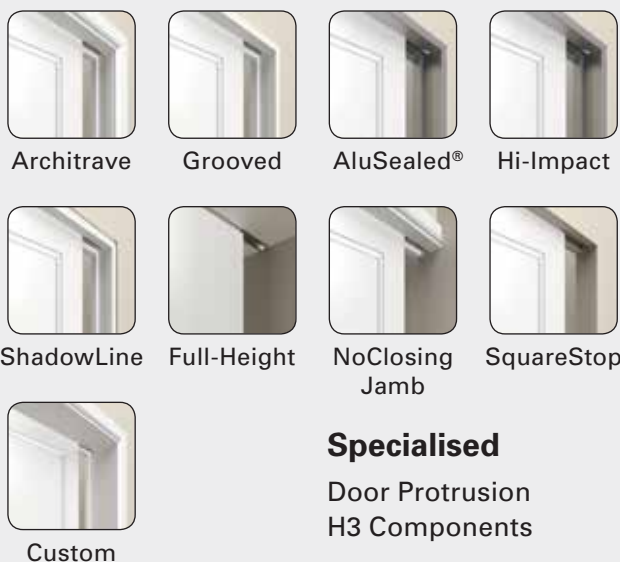
### Configurations



### Operation



### Jamb Options



### Specialised

Door Protrusion  
 H3 Components

## Bracing Units

Wind and Earthquake Bracing Units shown below are the **total number of units achieved for the cavity slider unit.**

		Door Width (mm)									
Timber Floors	Door Height	710		760		810		860		910	
		W	E/Q	W	E/Q	W	E/Q	W	E/Q	W	E/Q
	1980	85	85	91	91	97	97	103	103	109	109
	2400	85	85	91	91	97	97	103	103	109	109
	2600	79	79	84	84	90	90	95	95	101	101
	2800	73	73	78	78	83	83	88	88	94	94
	2982	69	69	73	73	78	78	83	83	88	88

		Door Width (mm)									
Concrete Floors	Door Height	710		760		810		860		910	
		W	E/Q	W	E/Q	W	E/Q	W	E/Q	W	E/Q
	1980	114	102	114	114	122	122	129	129	137	137
	2400	114	102	114	114	122	122	129	129	137	137
	2600	105	94	105	105	112	112	119	119	126	126
	2800	98	88	98	98	104	104	111	111	117	117
	2982	92	82	92	92	98	98	104	104	110	110

W = Wind, E/Q = Earthquake

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