

CS FOR DOORS CS BraceWall cavity slider

Product Technical Statement: 104673



Cavity slider with integrated bracing panel

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



CS FOR DOORS confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ Appraisal

[900](#)

Technical Statement

Product Description

CS BraceWall cavity slider units are for areas where wall bracing is required in conjunction with a cavity sliding unit. CS BraceWall units have a layer of 18 mm plywood fixed on one side of the aluminium framing members to provide bracing. Once installed and lined, the finished appearance is the same as that of a regular cavity slider.

CS BraceWall systems use a strong cavity frame constructed of high grade aluminium with pine nogs, top-hung track and carriage system suitable for installation into timber, steel, concrete or masonry construction where a fire resistance rating is not required.

Options

- Supplied as a fully assembled unit ready to install with all necessary fasteners for timber or concrete floors.
- Available with timber or aluminium jambs.
- CS Bracewall can be manufactured to suit single or double sliding doors in a range of standard sizes or can be made to measure up to very large sizes.

Operation: Choose from standard M6 (120kg), M8 (240kg) carriages or SofStop Single soft close (100kg)

Scope of use

CS BraceWall has been appraised for use as sliding doors in internal locations. The system provides wall bracing in buildings within the scope of NZ 3604.

Where the CS BraceWall door is not full height an infill panel, constructed in accordance with the Technical Literature, must be installed above the door.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3, B1.3.3(a), B1.3.3(f), B1.3.3(h), B1.3.3(j)
- **Clause B2 Durability:** Performance B2.3.1, B2.3.1(a), B2.3.1(b), B2.3.1(c)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Notes

Bracing resistance is provided by bracing element ratings determined in accordance with NZS3604, Paragraph 8.3.1.2. NZ3604 is an Acceptable Solution for compliance with New Zealand Building Code Clause B1 Structure.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



BRANZ Appraisal

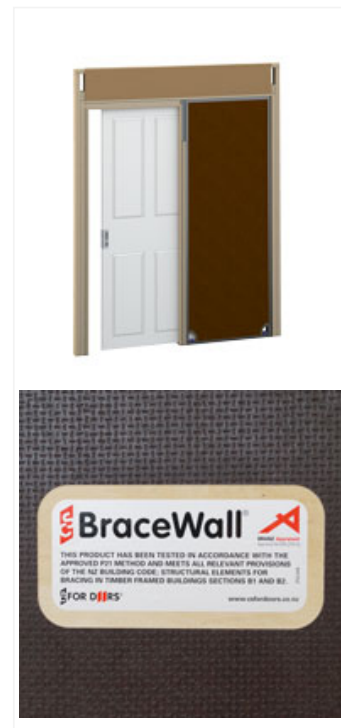
[900](#)

Use in Service History

CS Cavity Sliders have been successfully used in commercial, residential and institutional projects in New Zealand and Australia since 1986. CS Cavity Sliders are backed by a 10 Year Written Guarantee.

Product Criteria

Design requirements



masterspec partner

Company Contact Details



FOR DOORS

The Cavity Slider Experts

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Refer to the CS FOR DOORS Specification Guide for design parameters. Units can be supplied with timber jambs or prefinished powdercoated aluminium jambs in a variety of colours. CS BraceWall cavity sliders are designed to fit standard stud walls (nominally 90 mm). An intermediate stud is included in the framing for stability in all units for doors wider than 920 mm.

Installation requirements

CS Cavity Sliders must be installed in accordance with the manufacturer's installation instructions. Lintels over the full trim size (opening and pocket) should be sized to ensure that no load is applied to the door assembly. Lintels to NZS3604 are acceptable for door weights up to 75kg per metre width of door. Specific design required when the door weight exceeds 75kg per metre. Track must be fitted level and straight and fixed to the lintel through the pre-drilled holes in the track. Refer to CS FOR DOORS detailed instructions for preparation and finishing of the door opening and final door installation. This product must be installed in accordance with the instructions. Failure to do so will void the warranty and accreditation of the bracing rating.

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Maintenance requirements

Refer to CS FOR DOORS detailed instructions on powder coated aluminium product maintenance. Under normal circumstances, CS Cavity Sliders require no maintenance. In high use situations, the carriages will eventually need replacing. Replacement carriages and instructions on replacement are available from CS FOR DOORS. Any service requirements should be referred to one of our four branches

Warrantees

10 year warranty on CS Cavity Sliders

Company Product Information

Environmental

CS FOR DOORS is 100% New Zealand owned and all products are 100% New Zealand made. CS FOR DOORS operates a zero waste policy with all metal offcuts and waste recycled. Timber components are made from pine from sustainable resources.

Relationships



New Zealand Made

Videos

[CS Bracewall Testing, May 2015](#)



Date last validated: **07 July 2020**



Date last updated: **07 July 2020**

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