Disclaimer

This guide is designed to be used as a reference only and is not intended to replace installation instructions. All our products are supplied with complete written instructions and we strongly advise you read these thoroughly before beginning any installation.

Visit our website to see our latest products and information or to use the door size calculator:

www.csfordoors.co.nz  www.cavitiesliders.com.au
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About CS GROUP

Who we are
CS GROUP is Australasia’s premier manufacturer of innovative door solutions, represented by CS FOR DOORS in New Zealand and CS Cavity Sliders in Australia. We are a family business with over 30 years in the cavity slider market.

CS Cavity Sliders are the original cavity sliders - designed locally for the exacting standards of the Australasian market. We engineer all our components and materials are sourced from local manufacturers.

What we offer
- Australasia’s premier cavity sliding system - smoother running, easier to install and longer lasting.
- A full 10 year written guarantee with all our cavity sliders.
- Products made from purpose designed and built components - components made specifically for cavity sliders.
- A comprehensive on-site measure and consultation.
- Full CAD service from measure confirmation to 3D concepts to help your customer visualise design options.
- Full after sales service.
- Service and experience from a dedicated team in 5 branches across Australasia.
- 50 specialist product lines from SoundStop® cavity sliders to AutomaticUnits®

Consult the Experts
Contact us on 0800 SLIDER (754 337) within New Zealand or 1300 9 SLIDE (975 433) in Australia to discuss the right product, size and detail for your project - or just to check on a trim size.

Our Guarantee
WE GUARANTEE PRODUCT WITH OUR SERIAL CODES FOR UP TO TEN YEARS*  
BRANZ Appraised  
Appraisal No.460 (1051)  
*Guarantee conditions apply. Contact CS for details.

*Guarantee conditions apply. Contact CS for details.
Choosing your door system

Configurations

- SINGLE
- BI-PARTING
- CORNER MEETING
- OVERTAKING
- SURFACE SLIDING

Extra features

- SofStop®: Soft close
- RakingHead™: Self close
- AutoCav®: Self close
- SoundStop®: Self close
- BraceWall®: H3 (wet areas)
- Ply panels
- Special jambs

Jamb detail

- Architrave
- Grooved
- Aluminium
- Shadowline

Finishing detail

- Full-Height
- NoClosingJamb
- SquareStop

Choose a door style

A wide range of styles are possible. We can order a door from one of our suppliers or fit your supplied door to your cavity. Suitable doors are 36-38mm thick.

Door hardware

CaviLock® hardware is specifically designed for cavity and surface sliding doors. Ask about our hardware fitting service.

More door options:

More hardware options:
CS Cavity Sliders - The Main Components

1. **Track**
   - Heavy duty, one piece extruded aluminium

2. **Pelmet blocks**

3. **Carriages**
   - Mounted on top of door, hidden inside track

4. **Head jambs**
   - Unique design of the head jambs eliminates the need for unsightly pelmets

5. **Closing jamb**
   - MDF/Timber. Always quoted as standard. Will not be supplied if NoClosingJamb detail is required

6. **Back stud**
   - Heavy duty, one piece extruded aluminium

7. **Intermediate stud**
   - Over 920mm door width

8. **Split jambs**
   - Timber jamb fixed to aluminium split jamb

9. **Nogs**
   - Fitted on both sides and offset for adjacent wall fixing. Extra nogs are available or can be replaced with a full sheet of ply

10. **Bottom plate**
    - Heavy duty, one piece extruded aluminium

11. **Skirting blocks**
    - Fitted on either side of the bottom plate to fix both linings and skirting.

12. **No visible floor track or guide**
    - Hidden T-guide at the base of the cavity guides the door through the opening
Common Dimensions Required

**Standard Head Detail**

<table>
<thead>
<tr>
<th>Trim height</th>
<th>Floor to top of head</th>
<th>Floor to underside of head</th>
<th>Floor to top of track</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trim height</th>
<th>Floor to top of head</th>
<th>Floor to underside of head</th>
<th>Floor to top of track</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Full Height Detail**

<table>
<thead>
<tr>
<th>Trim height</th>
<th>Floor to top of head</th>
<th>Floor to top of track</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trim height</th>
<th>Floor to top of head</th>
<th>Floor to top of track</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AluSealed Head Detail**

<table>
<thead>
<tr>
<th>Trim height</th>
<th>Floor to top of head</th>
<th>Floor to underside of head</th>
<th>Floor to top of track</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trim height</th>
<th>Floor to top of head</th>
<th>Floor to underside of head</th>
<th>Floor to top of track</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Frameless Glass Head Detail**

<table>
<thead>
<tr>
<th>Trim height</th>
<th>Floor to top of head</th>
<th>Floor to top of track</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
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<th>Trim height</th>
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<th>Floor to top of track</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Single Unit (Standard)**

<table>
<thead>
<tr>
<th>Trim width</th>
<th>Cavity frame width</th>
<th>Over grooved Jambs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Door thickness</th>
<th>Cavity depth</th>
<th>Between the Jambs</th>
<th>Over flat Jambs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Bottom Plate**

<table>
<thead>
<tr>
<th>Trim width</th>
<th>Cavity frame width</th>
<th>Over grooved Jambs</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard under door clearance is 25mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
</tr>
<tr>
<td>25</td>
</tr>
<tr>
<td>42</td>
</tr>
</tbody>
</table>

Download Site Measure Forms from our website
Product Range

**Cavity Sliders**

Whether you require an ‘off the shelf’ solution or you want to make a statement with a soft closing, oversized or highly customised automated cavity slider, we can deliver.

You can supply your own door leaf and hardware to match your existing joinery, or talk to us about our range of glazed or aluminium **CS DoorLeaves** and **CaviLock** sliding door hardware.

**Automatic Units**

We manufacture automated cavity sliders for residential, commercial, architectural and healthcare projects. Individually designed parts provide reliability and functionality.

**Track Systems**

Patented track and carriage systems for surface sliding doors - based on the high quality extrusions used in our cavity sliders.
Product Range

CaviLock®

Our hardware division manufactures classic high quality handles and locks for sliding doors, as well as offering a selection of architectural door hardware from third party suppliers.

Save time and hassle by having us factory-fit the hardware to your door.

CS PivotSystems™

CS PivotSystems enable you to create stunning feature entrance ways. Our automated system is supplied complete with lintel and 75mm thick aluminium door. Manual and hydraulic options are also available.

WardrobeSliders™

A range of double and triple top track sliding door systems for doors up to 40mm thick with no visible floor guides. Match wardrobes to other internal doors.
Product Information

Special Requirements - Doors

CS has over 30 years experience in providing customised opening solutions to the residential and commercial sector. For all your highly customised opening requirements, call us and our engineers will work with you to appraise, refine and create your vision. We have a solution for all of the following situations. Consult a CS representative for more info.

Temperature/moisture differences either side of opening:

This is a common cause for doors bowing. Common situations where bowed doors may occur include:

• Internal access garages (insulated and heated house/ cold garage)
• Heat pump/heat source on one side of door
• Direct sunshine /window to one face of door
• Larger doors - especially over 2400 x 1500mm
• Stairwells /door closing off heated area to non-heated areas
• Doors not being sealed properly
• Doors painted in dark colours
• Cavity pocket installed against fire enclosure

Steel reinforcement helps in smaller doors. CS recommends the use of reinforced doors for all standard cavity slider applications. Treat your reinforced door with a full and proper paint job. Ask your painter to remove the door from the pocket and paint/seal all six faces of the door. This will reduce the chance of moisture absorption.

For even greater protection against bowed doors, or when an oversized door is required, specify an aluminium door from the CS DoorLeaves range.

These aluminium framed and skinned architectural doors can be made to over-height and over-width sizes and have been designed to reduce the risk of bow, warp, rust or rot. They arrive pre-finished (hardware can also be pre-fitted), ensuring time and money is saved.*

• Designed specifically to work with the CS track and carriage system.
• Clad in a 2mm thick aluminium skin which can be finished in a variety of standard colours.
• For an on site paint finish, specify this door with Matt Titania powder coated undercoat and let your painter do the rest.

*Some products not available all areas. Contact your nearest branch for more info.
Special Requirements

**Thicker/Heavier Doors**

For doors thicker than 40mm or doors over 2600mm high/1500mm wide, specify the **CS Ultimate** Cavity Slider.

**More Stability**

Where additional split jamb (front stay) support is required, ask for a 3-cell split jamb (Timberformed only).

**Disabled Access**

Use the **CS EasyOpen** Cavity System complete with **CL100 LaviLock** handle fitted to meet disabled access compliance.

<table>
<thead>
<tr>
<th></th>
<th>Required Clear Opening</th>
<th>Minimum Door Leaf Width</th>
<th>Minimum Trim Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Zealand</td>
<td>760mm</td>
<td>910mm</td>
<td>1750mm</td>
</tr>
<tr>
<td>Australia</td>
<td>850mm</td>
<td>1050mm</td>
<td>1960mm</td>
</tr>
</tbody>
</table>

**Bracing Walls (NZ only)**

For installation into a wall where bracing is required, use the **CS BraceWall** cavity slider. Talk to a CS Representative to discuss your specific requirements and to establish how many bracing units you can achieve or use our online calculator: [www.csfordoors.co.nz/Technical/Calculators](http://www.csfordoors.co.nz/Technical/Calculators) (Minimum door width 710mm.)

*Some products not available all areas. Contact your nearest branch for more info.*
Special Requirements

Wet Areas

All CS Cavity Sliders are suitable for installation into bathroom and internal wet areas if correct installation and waterproofing procedures are followed. For additional peace of mind, H3.1 tanalised jambs and nogs can be provided.

Tiling

All CS Cavity Sliders are suitable for tiling onto. Ensure correct installation procedure is followed and a suitable tile substrate is fixed to the cavity pocket. Care should be taken to ensure the cavity wall is correctly waterproofed.

Once set, the tiles will strengthen the wall of the cavity pocket so it is important to ensure that the jambs are well clear of the door (use the jamb spreader supplied) before tiling.

For especially heavy tiles or if the cavity pocket is to form part of the shower enclosure it is recommended that the cavity pocket is manufactured with a 17mm H3.1 sheet of plywood in the frame. Double lining the cavity pocket with suitable wall board and tile substrate will also provide additional protection. CS Cavity Sliders have been tested to meet the requirements of AS 1720.1, 2010 and support a load of up to 50kg/m2. Installation must be as per the manufacturer’s instructions to be compliant.

In all cases it is critical to ensure that all clearances are checked prior to fixing of tiles.

Sound Rating

The CS SoundStop system is supplied complete with a specialised acoustic door panel to provide a solution tested to STC43. We can also offer advice on how to improve the acoustic properties of other cavity sliders where STC43 may not be required.

Soft / Self Closing

CS SofStop cavity sliders close smoothly and quietly. Options are available for doors up to 100kg and can be retrofitted to most CS Cavity Sliders, Wardrobe Sliders and Track Systems. Choose from Single or Twin action (soft open and soft close).

A CS Raking head cavity slider will provide a gravity fed self closing system with a soft close action.

The CS AutoCav is a fully automated electronic solution.
**Handing**

**Hardware**

**OvertakingDoors®**

**Lead door on right hand side of cavity - Right Handed**

**Lead door on left hand side of cavity - Left Handed**

**Carriages & Mounting Plates**

**M6 Carriage and mounting plate** (suits doors up to 120kg or up to 1500mm wide).

**M8 Carriage and mounting plate** (suits doors up to 240kg or more than 1500mm wide).

**Mounting plate with stop**
CornerMeeting Detail is two doors meeting on an angle. The standard angle is 90° but we can do other angles. In all cases, one door (the leading door) will overlap the other door (the trailing door).

CS FOR DOORS recommends the use of NewYoker or AluTec doors when using this detail (90°) for the following reasons:

- Aluminium door leaves are straight, ensuring a neat overlap join when tracks are installed.
- Magnets can be hidden within the aluminium door stiles for a positive closing action.

*All CornerMeeting dimensions must be confirmed by a CAD Drawing.*

---

**For 90 stud 38mm door only!**

![Diagram of CornerMeeting Detail with dimensions](image)

**Trailing Door**

- Door width: \((\text{Trim width} - 68\text{mm}) \div 2\)
- Trim width: \((\text{Door width} \times 2) + 68\)

**Lead Door**

- Door width: \((\text{Trim width} - 30\text{mm}) \div 2\)
- Trim width: \((\text{Door width} \times 2) + 30\)
Fitting Mounting Plates to Door

Drill two x ø25mm holes in the positions as shown to a depth of 13mm. Screw both mounting plates to the door with the mounting plates placed exactly in the centre of the door thickness.

If door width is greater than 2500mm, move mounting plates in an additional 150mm.

Timber Door (includes Stop)

<table>
<thead>
<tr>
<th>Single - M6/M8 Mounting Plate</th>
<th>Bi-Parting - M6/M8 Mounting Plate with Stop</th>
<th>NoClosingJamb or CornerMeeting Detail - M6/M8 Mounting Plate with Stop</th>
<th>Track Systems - M6/M8 Mounting Plate with Double Stops</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT EDGE</td>
<td>FRONT EDGE</td>
<td>FRONT EDGE</td>
<td>FRONT EDGE</td>
</tr>
<tr>
<td>85</td>
<td>125</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>Ø25mm hole 13mm deep</td>
<td>Ø25mm hole 13mm deep</td>
<td>Ø25mm hole 13mm deep</td>
<td>Ø25mm hole 13mm deep</td>
</tr>
<tr>
<td>TOP OF DOOR</td>
<td>TOP OF DOOR</td>
<td>TOP OF DOOR</td>
<td>TOP OF DOOR</td>
</tr>
<tr>
<td>85</td>
<td>85</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>REAR EDGE</td>
<td>REAR EDGE</td>
<td>REAR EDGE</td>
<td>REAR EDGE</td>
</tr>
</tbody>
</table>

Mounting plate plunger facing away from centre of door.

Overtaking - Timber Doors

<table>
<thead>
<tr>
<th>Lead Door - M6/M8 Mounting Plate</th>
<th>Trailing Door(s) - M6/M8 Mounting Plate with Stop</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT EDGE</td>
<td>FRONT EDGE</td>
</tr>
<tr>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>Ø25mm hole 13mm deep</td>
<td>Ø25mm hole 13mm deep</td>
</tr>
<tr>
<td>TOP OF DOOR</td>
<td>TOP OF DOOR</td>
</tr>
<tr>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>REAR EDGE</td>
<td>REAR EDGE</td>
</tr>
</tbody>
</table>

Mounting plate plunger facing away from centre of door.
Removing or Adjusting the Door

1. To adjust the door height (A).
   Use the small end of the spanner supplied to rotate the hexagonal nut at the bottom of the carriage hanger pin.
   To raise door: Rotate spanner left to right.
   To lower door: Rotate spanner right to left.

2. To remove the door.
The head jamb must first be removed so that access may be gained to the carriages. Choose the best side to remove the door from and remove head jamb by first removing any architraves (B).

   HOT TIP! Make a thin knife cut where any paint joins two components so as not to tear existing paint work.

Remove wooden plugs covering the screw heads. Remove screws holding the head jamb in place, then gently tap jamb to remove.

3. Bi-Parting units.
Remove the black plastic stop that is tightly fitted into the mounting plate at the front of each door by tapping it out in the direction shown using a hammer and drift (C).

© Cavity Sliders Limited

© Cavity Sliders Limited

© Cavity Sliders Limited
1. Fixing Cavity Slider to the Floor
Installing the cavity slider 100% plumb and level will **NOT** guarantee a correctly sliding door.
If the wall, lintel, floor and door are not all plumb, level and straight, the door may slide incorrectly into the pocket.
For this reason, the skirting block fixing (found at the base of the pocket frame behind the split jambs) should only be secured once you have ensured the door is running parallel to the cavity pocket.

Fix track, back stud and closing jamb as per the Installation Instructions, then:

Fix the skirting block fixing to the floor only when the cavity pocket has been adjusted so that the **door closes neatly into the closing jamb and slides parallel to the bottom plate of the cavity slider.**

![Diagram of skirting block fixing](image)

2. The Jamb Spreader
The supplied ‘jamb spreader’ must be inserted into the cavity slider opening prior to fixing wall linings and architraves.
This product can also be used to set the position of the SofStop activator in the track.

![Jamb spreader](image)

3. Gap Between Door and Jambs
The cavity slider comes with split jambs intentionally ‘rounded out’ as shown below. This round out is to accommodate any slight bowing of the door leaf and to allow door hardware to clear the jambs. The standard clearance is 5-7mm between door and split jamb using a 38mm door.

![Diagram of gap between door and jamb](image)
Full instructions attached to the side of the cavity slider or on our website:

www.csfordoors.co.nz
www.cavitysliders.com.au

To see a full installation video, visit the CS FOR DOORS channel on YouTube:
www.youtube.com/csfordoors
Installation - 8 Easy Steps

1. Fit the closing jamb
2. Stand unit in framed opening
3. Plumb up the split jambs
4. Fix the back stud whilst keeping the split jambs plumb
5. Level and fix the track through the side fins (if required).
6. Plumb and fix the closing jamb
7. Ensure door runs parallel in the wall and fix off the skirting block to the floor
8. Adjust door height.

HOT TIP! Always install the cavity with the door fitted. Slide the door in and out of the pocket to check for smooth running before fixing and lining the pocket.
Installing the SofStop® Mechanism

The SofStop single mechanism fits together as shown:

![Diagram showing the SofStop single mechanism](image)

**Note: Single Soft Close** requires one front activator only.
**Twin Soft Open & Close** requires two activators. One of them should be inserted into the track before the carriages.

### Insert activator

a) Open the door and insert the front activator into the slot. Slide to the centre of the door opening. Tighten one grub screw.

### Charge mechanism

b) Gently close the door until the pickup mechanism goes past the activator. You will hear a click. The cassette is now charged.
c) Open the door again and loosen the activator grub screw.

d) Position the distance setting tool (jamb spreader) against the centre of the closing jamb or finished wall and gently close the door onto it. The activator will slide along the track into the correct position.
e) Without moving the activator, open the door and securely tighten all four grub screws.

### Set rear activator position

a) Close the door and move the rear activator into the approximate centre of the pocket. **Do not tighten grub screws.**
b) Position the activator setting block inside the back stud and gently open the door onto it. The activator will slide along the track into the correct position. The rear activator is now positioned. Securely tighten all four grub screws.

**SofStop® Twin ONLY**

---

**Full instructions supplied with the cavity slider or on our website**
Plan

Standard jamb

Door

Extra wide jamb

Elevation

Extra wide jamb

Standard jamb

Door

Drawings are not to scale. All dimensions in mm.

All flat jamb options are supplied to suit the finished wall thickness - ready for architraves by others.
Grooved jamb liners arrive fitted ready for fixing of wall linings after installation.
Jamb Details - Full-Height

Full-Height Fixing Detail

- 3mm MDF packer
- 10mm lining
- J-Mould (not supplied)

Close up of Fixing Detail

- Underside of track and J-Mould should finish at same level
- Plaster as required
- Underside of ceiling

Drawings are not to scale. All dimensions in mm.
Jamb Details - SquareStop

Plan

Elevation: Full-Height Detail

Elevation: Bulkhead Detail

Alternative Detail - 3-Cell Split Jamb

The timber jambs are moved so that the plasterboard may be wrapped around the face of the jamb.

Drawings are not to scale. All dimensions in mm.
Jamb Details - AluSealed 13mm

Plan

Elevation

Drawings are not to scale. All dimensions in mm.

AluSealed jambs are a pre-finished (powder coated or anodised) jamb liner to suit 90/13, 94/10 or 90/26 wall lining configurations.
Jamb Details - Frameless Glass

Plan

Grooved jamb

Glass door

Brush seals to guide glass panel

Architrave jamb

Suggested detail only © Cavity Sliders Limited

Drawings are not to scale. All dimensions in mm.

Elevation

Extra pelmet block added to hide (optional) glass carriage system

Glass door

Suggested detail only © Cavity Sliders Limited

Elevation - Full-Height Detail

Exposed clamp view when Full-Height detail required

Suggested detail only © Cavity Sliders Limited
Jamb Details - ShadowLine (Negative Detail)

Plan

Elevation

Drawings are not to scale. All dimensions in mm.
## Trouble Shooting Guide

This guide is to help you to ascertain whether the problem that you are experiencing is caused by a fault in the cavity slider, door or the installation. Find your problem and possible causes below, then turn to the relevant page for instructions on how to remedy the problem.

<table>
<thead>
<tr>
<th>Problem and possible causes</th>
<th>Turn to page:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Door stuck in pocket / Door stuck in closed position</strong></td>
<td></td>
</tr>
<tr>
<td>• Bowed door</td>
<td>29</td>
</tr>
<tr>
<td>• Bowed jambs</td>
<td>31</td>
</tr>
<tr>
<td>• T-Guide groove off centre or swollen</td>
<td>32</td>
</tr>
<tr>
<td>• Check for nail and/or screw penetrations through architrave, linings and nogs.</td>
<td></td>
</tr>
<tr>
<td><strong>Door or handle is scratched</strong></td>
<td></td>
</tr>
<tr>
<td>• Bowed door</td>
<td>29</td>
</tr>
<tr>
<td>• Bowed jambs</td>
<td>31</td>
</tr>
<tr>
<td>• Check for nail and/or screw penetrations through architrave, linings and nogs.</td>
<td></td>
</tr>
<tr>
<td><strong>Door not running straight</strong></td>
<td></td>
</tr>
<tr>
<td>• Bottom plate not fixed in correct position</td>
<td>30</td>
</tr>
<tr>
<td>• Closing jamb not installed plumb</td>
<td>30</td>
</tr>
<tr>
<td><strong>Jamb clearances do not appear uniform on both sides of the door</strong></td>
<td></td>
</tr>
<tr>
<td>• Bowed door</td>
<td>29</td>
</tr>
<tr>
<td>• Bowed jambs</td>
<td>31</td>
</tr>
<tr>
<td><strong>Door rubs during normal operation</strong></td>
<td></td>
</tr>
<tr>
<td>• Cavity installed incorrectly</td>
<td>15</td>
</tr>
<tr>
<td>• Bowed door</td>
<td>29</td>
</tr>
<tr>
<td><strong>Carriages not running smoothly in track</strong></td>
<td></td>
</tr>
<tr>
<td>• Track is contaminated, pinched, or carriage has a flat spot</td>
<td>33</td>
</tr>
<tr>
<td><strong>Door not flush when in pocket</strong></td>
<td></td>
</tr>
<tr>
<td>• Door adjusted incorrectly or obstruction in cavity pocket</td>
<td>33</td>
</tr>
<tr>
<td>• Cavity pocket installed out of square</td>
<td>33</td>
</tr>
<tr>
<td><strong>Door rolls open or closed by itself</strong></td>
<td></td>
</tr>
<tr>
<td>• Track not level</td>
<td>34</td>
</tr>
<tr>
<td><strong>Carriage disconnects from mounting plate</strong></td>
<td></td>
</tr>
<tr>
<td>• Hanger pin not engaged, door wound down past thread lock or mounting plate has come loose from door</td>
<td>34</td>
</tr>
<tr>
<td><strong>Doors in Overtaking Doors unit stick</strong></td>
<td></td>
</tr>
<tr>
<td>• Bowed door</td>
<td>29</td>
</tr>
<tr>
<td>• Door adjusted incorrectly</td>
<td>35</td>
</tr>
<tr>
<td>• U-Guide rubbing</td>
<td>35</td>
</tr>
<tr>
<td><strong>Carriage hanger pin hits the track or SofStop activator</strong></td>
<td></td>
</tr>
<tr>
<td>• Hanger pin needs cutting down</td>
<td>35</td>
</tr>
</tbody>
</table>
Trouble Shooting Solutions

Bowed door / twist in door

Using a straight edge check the door for straightness in the positions shown below: Leading Edge (A1) and Trailing Edge (A2), Top & Bottom (B).

Timber doors installed in a situation where there are temperature differentials either side of the door will bow. The only way to eliminate this is to even up the temperatures or change the door to one not affected by temperature issues.

- CS recommends the use of doors with steel inserts.
- Ensure door is fully painted/sealed on all four edges and two sides.
- If door is oversized, consider an aluminium door leaf from the CS DoorLeaves range. Refer to page 10 for more information.

*If door is badly bowed, replace with a non-bowing alternative - see page 10*
Troubleshooting Solutions

Twist in cavity slider unit (door not running straight)

Use the same method as for bowed door (page 29) to check the cavity slider unit for twist. Place a level on the wall next to the split jamb and on approx. back of cavity unit.

Probable causes:

A  Bottom plate not fixed in correct position (see install notes, page 17).

If skirting block fixing is not installed in correct position, door will not run parallel inside pocket (door will contact split jamb or closing jamb).

Fix the skirting block fixing to the floor only when the cavity pocket has been adjusted so that the door closes neatly into the closing jamb and slides parallel to the bottom plate of the cavity slider.

Realign front fixing position of bottom plate.
Ensure door runs parallel as shown. Contact CS for further explanation if required.

B  Closing jamb not installed plumb.

Realign closing jamb to plumb.
Ensure door runs parallel as shown.

HOT TIP! If door is straight and cavity installed correctly, T-Guide will be central in door groove.

If door is pushing to one side of guide, cavity or door are out of alignment.
Trouble Shooting Solutions

Bowed jambs

Use a straight edge or string line to check the split jambs on the outside to see if the jambs have bowed.

Probable causes:

A Desired shape has not been maintained during installation

Use hands or wedges to reshape split jambs.

The aluminium jamb must be moved until past its elasticity point. Wedge both sides of the door to avoid bowing the door. Ideally, door should be removed prior to adjusting the jambs.

B Architraves/wall linings have moved, causing inward or outward pressure on jambs.

Glue tension on wall board/architrave must be released (you will hear a crack!).

- Minor cracking of paint is a possibility.
- Ideally, door should be removed prior to adjusting jambs.

C Force from above track is acting down on cavity, causing pressure on jambs.

Adjust track fixings/relieve tension acting down on track.

- Release excessive force acting down onto cavity pocket.
- Use Jamb Spreader to maintain 52-54mm clearance at lining and architrave stage.

*based on 38mm door © Cavity Sliders Limited
T-Guide groove off centre or swollen

Using a tape measure, check to see that the groove at the bottom of the door is centred. Groove should be sealed to protect against moisture.

Also check if the groove is the correct size of 5 - 5.5mm wide and 20 - 21mm high.

Measure/sight groove to see if it has swollen. Alternatively, run a T-Guide through the slot to see if it moves freely.

Re-cut slot to dimensions shown.

In extreme circumstances, a CS Guide block can be used at the back edge of the door. Call CS for more information.

Groove Dimensions

Guide Block
Trouble Shooting Solutions

Carriages not running smoothly in track

Probable causes:

A Track is contaminated with paint, debris or swarf
Remove the door and carriages. Clean track with a soft cloth soaked in white spirits. Aluminium track is soft. Do not clean with hard objects that may damage the running surface. Check that the carriages are clean before trying them in the track again.

B Track has been pinched
To test, run a carriage through the track without the door attached. If track has been pinched, contact CS to discuss options.

C Carriage has flat spot on it
If a heavy door is left in one position for a long period of time, a flat spot may develop. Flat spot will come out over time with normal use of door.

Door not flush when in pocket

Probable causes:

A Door adjusted incorrectly
Adjust height of door until door edge is flush with jambs (see adjustment diagram, page 34).

B Obstruction in cavity pocket
Remove door and remove obstruction.

C Pocket installed out of square
If door is flush and plumb when closed but sticks out at the top or bottom when open, the cavity pocket has been installed out of square or not level. It only takes the pocket to be out of level by as little as 5mm for the door to protrude a great deal more. Pocket needs to be readjusted to square.
Trouble Shooting Solutions

Door rolls open or closed by itself

Probable cause: Track not level

If door rolls open: Reinstall pocket so that track is level or change handle to a latching option. Contact CS for further information.

If door rolls closed: Remove head jambs and use fixing screws through sides of track to ‘pull up’ to a level position.

Carriage disconnects from mounting plate

Probable causes:

A Hanger pin not engaged in mounting plate correctly

Follow diagram (right) in reverse until you hear a click, meaning bolt is located correctly.

<table>
<thead>
<tr>
<th>To Remove door:</th>
<th>To Adjust door-height:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Push plunger down</td>
<td></td>
</tr>
<tr>
<td>2 Slide bolt across</td>
<td></td>
</tr>
</tbody>
</table>

Use ring-spanner (or original spanner supplied by CS).

UP Move spanner left to right.

DOWN Move from right to left.

B Door wound down past thread lock

Follow installation instructions to remove hanger bolt from mounting plate and door from pocket. Remove carriage from track. Carefully thread hanger bolt back into the carriage body, ensuring three full turns into the nylon part of the nut.

C Mounting plate has come loose from door

Follow instructions (below). For non-standard doors or cavities, see page 15.

Fitting Mounting Plates

Fit screws as shown

Drill ø25mm (1”) x 13mm deep.

85mm to centre of the boss hole.
Trouble Shooting Solutions

Doors in an Overtaking Doors unit come out together or stick

Probable causes:

A  *Doors are not adjusted correctly and are sitting on the next door’s U-Guide*

Each door must be clear of the door behind it.

B  *Pickup extrusions and/or U-Guides on doors are ‘grabbing’ or ‘rubbing’ against other door/s.*

Ensure extrusions and/or U-Guides are correctly spaced in accordance with door thickness.

C  *Door is bowed (see page 29)*

D  *U-Guide under the door is making contact with the floor and/or bottom plate of the cavity unit.*

Ensure clearance throughout the opening.

Carriage hanger pin hits the track or SofStop activator

Probable cause: *Hanger pin too long or has been wound up too far*

Remove carriage from track and cut hanger pin down to create extra clearance. Take care not to damage the start of the thread when shortening the pin.
### Useful Formula & Trim Sizes

Use our online door size calculator at [www.csfordoors.co.nz](http://www.csfordoors.co.nz) or [www.cavitysliders.com.au](http://www.cavitysliders.com.au)

### Standard Units

<table>
<thead>
<tr>
<th>Dimension required</th>
<th>Single</th>
<th>Bi-Parting</th>
<th>Single Only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trim height</td>
<td>DH + 95</td>
<td>DH + 95</td>
<td>DH + 95</td>
</tr>
<tr>
<td>Trim width</td>
<td>(DW x 2) + 30*</td>
<td>(DW x 4) +10*</td>
<td>(DW x 2) - 70</td>
</tr>
<tr>
<td>Distance between jambs</td>
<td>DW - 31</td>
<td>(DW x 2) - 42</td>
<td>DW - 31</td>
</tr>
<tr>
<td>Floor to underside of jamb</td>
<td>Timber</td>
<td>DH + 18.5</td>
<td>DH + 18.5</td>
</tr>
<tr>
<td></td>
<td>Aluminium</td>
<td>DH + 13.5</td>
<td>DH + 13.5</td>
</tr>
</tbody>
</table>

*Door flush to jamb when fully open. DH = Door Height, DW = Door Width. All dimensions in millimetres.

### Standard Trim Sizes - New Zealand

<table>
<thead>
<tr>
<th>Single</th>
<th>Door size</th>
<th>Trim Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td></td>
<td>1980 x 610</td>
<td>2075 x 1250</td>
</tr>
<tr>
<td></td>
<td>1980 x 660</td>
<td>2075 x 1350</td>
</tr>
<tr>
<td></td>
<td>1980 x 710</td>
<td>2075 x 1450</td>
</tr>
<tr>
<td></td>
<td>1980 x 760</td>
<td>2075 x 1550</td>
</tr>
<tr>
<td></td>
<td>1980 x 810</td>
<td>2075 x 1650</td>
</tr>
<tr>
<td>Bi-Parting</td>
<td>Door size</td>
<td>Trim Size</td>
</tr>
<tr>
<td></td>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td></td>
<td>1980 x 610</td>
<td>2075 x 2450</td>
</tr>
<tr>
<td></td>
<td>1980 x 660</td>
<td>2075 x 2650</td>
</tr>
<tr>
<td></td>
<td>1980 x 710</td>
<td>2075 x 2850</td>
</tr>
<tr>
<td></td>
<td>1980 x 760</td>
<td>2075 x 3050</td>
</tr>
<tr>
<td></td>
<td>1980 x 810</td>
<td>2075 x 3250</td>
</tr>
<tr>
<td></td>
<td>1980 x 860</td>
<td>2075 x 3450</td>
</tr>
<tr>
<td></td>
<td>1980 x 910</td>
<td>2075 x 3650</td>
</tr>
</tbody>
</table>

### Standard Trim Sizes - Australia

<table>
<thead>
<tr>
<th>Single</th>
<th>Door size</th>
<th>Trim Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td></td>
<td>2040 x 620</td>
<td>2135 x 1270</td>
</tr>
<tr>
<td></td>
<td>2040 x 720</td>
<td>2135 x 1470</td>
</tr>
<tr>
<td></td>
<td>2040 x 770</td>
<td>2135 x 1570</td>
</tr>
<tr>
<td></td>
<td>2040 x 820</td>
<td>2135 x 1670</td>
</tr>
<tr>
<td></td>
<td>2040 x 870</td>
<td>2135 x 1770</td>
</tr>
<tr>
<td></td>
<td>2040 x 920</td>
<td>2135 x 1870</td>
</tr>
<tr>
<td>Bi-Parting</td>
<td>Door size</td>
<td>Trim Size</td>
</tr>
<tr>
<td></td>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td></td>
<td>2040 x 620</td>
<td>2135 x 2490</td>
</tr>
<tr>
<td></td>
<td>2040 x 720</td>
<td>2135 x 2890</td>
</tr>
<tr>
<td></td>
<td>2040 x 770</td>
<td>2135 x 3090</td>
</tr>
<tr>
<td></td>
<td>2040 x 820</td>
<td>2135 x 3290</td>
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<tr>
<td></td>
<td>2040 x 870</td>
<td>2135 x 3490</td>
</tr>
<tr>
<td></td>
<td>2040 x 920</td>
<td>2135 x 3690</td>
</tr>
</tbody>
</table>

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