Cavity Sliding Door Systems

Quality and design are first priority with a guaranteed high level of finish to ensure each and every cavity sliding door unit continues to work smoothly and effortlessly. Doors are supplied separate to the unit but are available for a fully compatible system.

Four Cavity Sliding Door Systems:

Cav-X Archiline  Cav-X Flushline  Cav-X Shadowline  Cav-X Aluminium

Features and Benefits:

• Space saving design.
• Quick install.
• Short lead times.
• Custom made to suit your needs.
• No pelmets.
• Focus on elegant clean sharp lines.
• Option of timber, aluminium or frameless glass doors.
• Unique concealed carriage system.
• Guaranteed quality.
• High load bearing.
• Door cannot derail from track in cavity.
The adxsystem cavity sliding door systems offer a range of quality and innovative products suitable for either residential or commercial applications.
Cav-X Archiline provides complete unit ready for installer to add the architraves that are being used throughout the project.

- Robust, ball bearing carriage system.
- High load bearing mechanism ideal for large doors.
- Rebated closer option improving privacy, acoustics and climate control.
- Soft close option available.
- Frameless glass option – clamps only supplied.
- Concealed pocket made with timber slats (easy to fix plasterboard to) with high tensile alloy frames making opening rigid. This feature reduces risk of large doors scraping in opening.
- Suits doors up to 35mm.
- Available for 92mm stud thickness.
- Full ceiling height option available.

Cav-X Archiline Cavity Sliding Door Specifications and Options:

<table>
<thead>
<tr>
<th>Visible Opening Frame</th>
<th>Cavity Box Construction</th>
<th>Specifications</th>
<th>Door Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timber Architrave</td>
<td>Aluminium frame</td>
<td>Suits up to a 35mm wide door</td>
<td>Timber Door</td>
</tr>
<tr>
<td>(As supplied by customer)</td>
<td>with timber slats to</td>
<td>Suits 92mm stud wall thickness</td>
<td></td>
</tr>
<tr>
<td>Architrave frame not supplied with unit.</td>
<td>attach plasterboard.</td>
<td>Maximum door width: 2200mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
<tr>
<td>Timber Architrave</td>
<td>Aluminium frame</td>
<td>Suits up to a 35mm door leaves</td>
<td>Frameless Glass Door</td>
</tr>
<tr>
<td>(As supplied by customer)</td>
<td>with timber slats to</td>
<td>Suits 92mm stud wall thickness</td>
<td>Includes glass door clamps. Glazing completed on-site by customer.</td>
</tr>
<tr>
<td>Architrave frame not supplied with unit.</td>
<td>attach plasterboard.</td>
<td>Maximum door width: 2200mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
</tbody>
</table>

Note: Door hardware and custom made doors available upon request. Slimline aluminium door available upon request.
Cav-X Flushline provides a unit with all necessary flushing trims to completely eliminate the need for architraves.

- Focuses on elegant clean sharp lines which guarantee the ultimate choice for contemporary fit-out.
- Robust ball bearing carriage system.
- High load bearing mechanism ideal for large doors.
- Available for 92mm stud thicknesses.
- Rebated closer option improving privacy, acoustics and climate control.
- Frameless glass option – clamps only supplied.
- Soft close option available.
- Concealed pocket made with timber slats (easy to fix plasterboard to) with high tensile alloy frames making opening rigid. This feature reduces risk of large doors scraping in opening.
- Full ceiling height option available.
- Simplifies painting as no timber work requires special finishes.
- Suits doors up to 35mm.

Cav-X Flushline Cavity Sliding Door Specifications and Options:

<table>
<thead>
<tr>
<th>Visible Opening Frame</th>
<th>Cavity Box Construction</th>
<th>Specifications</th>
<th>Door Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flush – no visible frame</td>
<td>Aluminium frame with timber slats to attach plasterboard.</td>
<td>Suits up to a 35mm door leaves</td>
<td>Frameless Glass Door</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Suits 92mm stud wall thickness</td>
<td>Includes glass door clamps. Glazing completed on-site by customer.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door width: 2200mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flush – no visible frame</th>
<th>Aluminium frame with timber slats to attach plasterboard.</th>
<th>Suits up to a 35mm door leaves</th>
<th>Timber Door</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Suits 92mm stud wall thickness</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door width: 2200mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flush – no visible frame</th>
<th>Aluminium frame with timber slats to attach plasterboard.</th>
<th>Suits up to a 35mm door leaves</th>
<th>Full height corner meeting timber door</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Suits 92mm stud wall thickness</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door width: 2200mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
</tbody>
</table>

Note: Door hardware and custom made doors available upon request.
Cav-X Shadowline provides a unit with a 32mm timber surround to doorway opening and a 10mm shadowline finish to plasterboard.

- Focuses on elegant clean sharp lines which guarantee the ultimate choice for contemporary fit-out.
- Robust ball bearing carriage system.
- High load bearing mechanism ideal for large doors.
- Provides ability to separate the frame and the wall when painting.
- Available for 92mm stud thicknesses.
- Rebated closer option improving privacy, acoustics and climate control.
- Concealed pocket made with timber slats (easy to fix plasterboard to) with high tensile alloy frames making opening rigid. This feature reduces risk of large doors scraping in opening.
- Soft close option available.
- Frameless glass option – clamps only supplied.
- Compliments adxsystem Shadowline ceiling and skirting finishes.
- Same profile as ADX Shadowmax Jamb.

### Cav-X Shadowline Cavity Sliding Door Specifications and Options:

<table>
<thead>
<tr>
<th>Visible Opening Frame</th>
<th>Cavity Box Construction</th>
<th>Specifications</th>
<th>Door Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>30mm timber with 10mm shadowline to</td>
<td>Aluminium frame with timber slats to attach plasterboard.</td>
<td>Suits up to a 35mm door leaves</td>
<td>Timber Door</td>
</tr>
<tr>
<td>plasterboard. Shadowline trims not</td>
<td></td>
<td>Suits 92mm stud wall thickness</td>
<td></td>
</tr>
<tr>
<td>included.</td>
<td></td>
<td>Maximum door width: 2200mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
<tr>
<td>30mm timber with 10mm shadowline to</td>
<td>Aluminium frame with timber slats to attach plasterboard.</td>
<td>Suits up to a 35mm door leaves</td>
<td>Frameless Glass Door</td>
</tr>
<tr>
<td>plasterboard. Shadowline trims not</td>
<td></td>
<td>Suits 92mm stud wall thickness</td>
<td>Includes glass door clamps.</td>
</tr>
<tr>
<td>included.</td>
<td></td>
<td>Maximum door width: 2200mm</td>
<td>Glazing completed on-site by</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td>customer.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
</tbody>
</table>

Note: Door hardware and custom made doors available upon request.
Cav-X Aluminium provides a unit with an aluminium surround trim to the doorway opening. If you are using adxsystem aluminium partitioning door frames, this unit provides the same 32mm profile therefore maintaining consistency of finish and look throughout the entire project. Aluminium framed sliding doors are available in any anodised or powder coat finish, as well as a large range of timber doors.

- Focuses on elegant clean sharp lines which guarantee the ultimate choice for contemporary fit-out.
- Robust ball bearing carriage system.
- Option available for heavy or large doors using a stronger system.
- Available for 64 and 92mm stud thicknesses (64mm suits timber doors only).
- Rebated closer improves privacy, acoustics and climate control.

- Concealed pocket made with timber slats (easy to fix plasterboard to) with high tensile alloy frames making opening rigid. This feature reduces risk of large doors scraping in opening.
- adxsystem 5000 glass sliding doors available to suit 92mm steel stud only.
- Suits 64mm and 92mm stud.
- If aluminium head track exists in room then a full height unit can be integrated to clip into this.
- Invisible “snap on” T guide.

### Cav-X Aluminium Framed Ready Cavity Sliding Door Specifications and Options:

<table>
<thead>
<tr>
<th>Visible Opening Frame</th>
<th>Cavity Box Construction</th>
<th>Specifications</th>
<th>Door Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium 32mm profile</td>
<td>Includes sections ready for installation into stud wall and frame.</td>
<td>Suits up to a 45mm door leaves</td>
<td>Full height glass door with aluminium frame Door supplied by customer.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Suits 92mm stud wall thickness</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door width: 1200mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
<tr>
<td>Aluminium 32mm profile</td>
<td>Includes sections ready for installation into stud wall and frame.</td>
<td>Suits up to a 45mm door leaves</td>
<td>Wall above framed glass door with aluminium frame Door supplied by customer.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Suits 92mm stud wall thickness</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door width: 1200mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
<tr>
<td>Aluminium 32mm profile</td>
<td>Includes sections ready for installation into stud wall and frame.</td>
<td>Suits up to a 45mm door leaves</td>
<td>Timber door</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Suits 64mm stud wall thickness</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door width: 1200mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door height: 3000mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum door weight: 150kg</td>
<td></td>
</tr>
</tbody>
</table>

Note: Door hardware and custom made doors available upon request.
Detail 1 | Cav-X Archiline Cavity Sliding Door

- 90/92mm Timber Or Steel Stud
- 110 x 19mm Timber Closing Jamb
- Maximum 35mm Door

Optional Flush Closing Jamb

- Clear Opening
- Stud Opening
- Cavity Depth

- Timber Architrave (Not Supplied)
- Rebated Closing Jamb
- Maximum 35mm Door
- Timber Architrave (Not Included)
- Aluminium Split Jamb
- Noggings
- Aluminium Race Post
- Packing As Required

Colour Legends:
- Aluminium Partition (face and section)
- Steel Stud
- Plasterboard Profile
Detail 2 | Cav-X Archiline Wall Above Detail

Detail 3 | Cav-X Archiline Full Height Detail
Detail 4 | **Cav-X Flushline Cavity Sliding Door**

- 90/92mm Timber or Steel Stud
- 35mm Door
- Rebated Closing Jamb
- 90x19mm Timber Closing Jamb With Trim
- Maximum 35mm Door
- Flush Bead For Split Jamb System
- Aluminium Split Jams
- Noggings
- Aluminium Rear Post
- Packing As Required
- 90/92mm Timber or Steel Stud
- Clear Opening
- Stud Spacing
- Cavity Depth

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**Colour Legends**
- Aluminium Partition (face and section)
- Steel Stud
- Plasterboard Profile
Flushline

Detail 5 | Cav-X Flushline Wall Above Detail

Detail 6 | Cav-X Flushline Full Height Detail
Detail 7 | Cav-X Shadowline Cavity Sliding Door

Cav-X Construction Details

Colour Legends

- Aluminium Partition (face and section)
- Steel Stud
- Plasterboard Profile
Cav-X Shadowline

Detail 8 | Cav-X Shadowline Wall Above Detail

Detail 9 | Cav-X Shadowline Full Height Detail
Detail 10 | Cav-X Aluminium Cavity Sliding Door

- Maximum Door Thickness:
  - 35mm for 64mm stud (Timber Door Only)
  - 45mm for 92mm stud

- Colour Legends:
  - Aluminium Partition (face and section)
  - Steel Stud
  - Plasterboard Profile
Detail 11 | Cav-X Aluminium Full Height Cavity Slider

Detail 12 | Cav-X Aluminium Cavity Slider with Plasterboard Above

Detail 13 | Cav-X Aluminium Double Cavity Slider
Detail 14 | **Cav-X Aluminium Head Track and Roller**

Detail 15 | **Cav-X Aluminium Recessed Closing Stile**

**Colour Legends**
- Aluminium Partition (face and section)
- Steel Stud
- Plasterboard Profile

64/92mm Stud

92mm Studs Maximum Door Thickness 45mm

64mm Studs Maximum Door Thickness 35mm
Timber Door Only

64/92mm Stud
**Detail 16 | Cav-X Aluminium Overall Standard Opening Between Studs**

Overall Stud Opening = 2 x Door Width + 25mm

- 92 or 64mm Stud
- Door
- Rubber Stop
- Timber Stud

With 92mm Studs Maximum Door Thickness 45mm
With 64mm Studs Maximum Door Thickness 35mm (Timber Door Only)

**Detail 17 | Cav-X Aluminium Clear Opening**

Clear Opening = Door Width - 25mm

- 92 or 64mm Stud
- Door
- Rubber Stop
- Timber Stud

With 92mm Studs Maximum Door Thickness 45mm
With 64mm Studs Maximum Door Thickness 35mm (Timber Door Only)

**Detail 18 | Cav-X Aluminium Clear Opening with Lock Allowance**

Clear Opening = Door Width - 25mm = 90mm for Lock Allowance

- 92 or 64mm Stud
- Door
- Rubber Stop
- Timber Stud

With 92mm Studs Maximum Door Thickness 45mm
With 64mm Studs Maximum Door Thickness 35mm (Timber Door Only)

Plan View with Aluminium opening frame. Available for 64mm and 92mm steel studs.
Please note only 35 mm doors fit in the 64mm stud profile.
Detail 19 | Cav-X Aluminium Assembly Detail for 64mm or 92mm Studs

See following pages for drawings 19A to 19G
Note: The Cav-X system is only available in a completed unit. The individual drawings are for your information only.

Detail 19A | Cav-X Aluminium Head Track and Pelmets for Full Height Option

92mm Studs Maximum Door Thickness 45mm
64mm Studs Maximum Door Thickness 35mm (Timber Doors Only)
Aluminium

Detail 19B | Cav-X Aluminium Head Track and Pelmets with Partition Above

Detail 19C | Cav-X Aluminium Receiver to Partition
Detail 19D | Cav-X Aluminium Receiver to Glass Junction

Detail 19E | Cav-X Aluminium Cavity Jamb Detail

Colour Legends
- Aluminium Partition (face and section)
- Steel Stud
- Plasterboard Profile
Detail 19F | Cav-X Aluminium Rear of Cavity Detail

Detail 19G | Cav-X Aluminium Rear to Glass Junction
**Assembly / Installation Instructions**

1. Check for level and cut closing jamb to size.
2. Attach overhead track to cavity frame and slide rollers into track.
3. Fix closing jamb (optional) to overhead track. Fit into place, ensuring it is plumb and square. Pack if necessary and secure to stud.
4. Install door into position and check operation before cladding.
5. Clad wall, ensuring fixing do not penetrate through rails.
6. Fit 90x25 rebated timber closing jamb to end of track. Fix ST50CB trims over split jamb and closing jamb. Screw into position with bugle head screws.
7. Fit ST35 trim to overhead track.
8. ALWAYS fix bottom track through skirt blocks, fixing through centre of track is acceptable.

**Note:**

Use countersunk head screws that do not protrude more than 4mm above the aluminium track to ensure no obstruction to door (see detail B). Never drill, nail or screw through the centre of the track as this will cause the track to be contaminated by aluminium flings and swarf. This will effect the smooth running of carriages.

Always fix the top track to the stud above from the outside flanges (see detail A).

Video available on website - www.adxdepot.com.au