



P7001SG Standard Kit

Fitting Instructions

For use with 44mm thick doors only.

For Single and Double doors.

If installing a touch latch, please read the corresponding fitting instructions first.

Components (Quantities are dependent on type of kit ordered)

Sliding mechanism

- End stop
- Trolley
- 'T' guide

Fixing items

- End block
- Protective edge clip
- Chock large and small
- Screw set A - (30x) 4.2 x13mm Wafer Hd S'Drill Screws Zinc
- Screw set B - (8x) 4.5x50mm Screw Pozi Spax Zinc passivated
- Screw set C - (30x) 25mm S Drill Drywall Screws Zinc
- Screw set D - (1x) M4x40mm Screw Zinc
- Screw set E - (8x) 4x60mm Screwtite prodrive CSK
- Screw set F - (6x) 5x80mm Screws Pozi pan head Spax Wirox coating
- Screw set G - (6x) 4x70mm Screwtite prodrive CSK

Pocket door kit

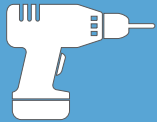
- Short / Long 'Z' section
- Long 'Z' section
- Track packer
- Track mount
- Aluminium track
- Plastic 'U' channel
- Sole plate
- Delta / Brush / Rubber seals

Door jamb set

- Head jamb
- Cassette edge jamb
- Closing edge jamb
- Closing centre jamb
- Plaster board fixing baton
- Qic Trims



Suggested tools



Drill



Plumb line



G clamp



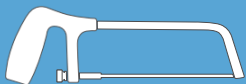
Handsaw



Tape measure



Spirit level



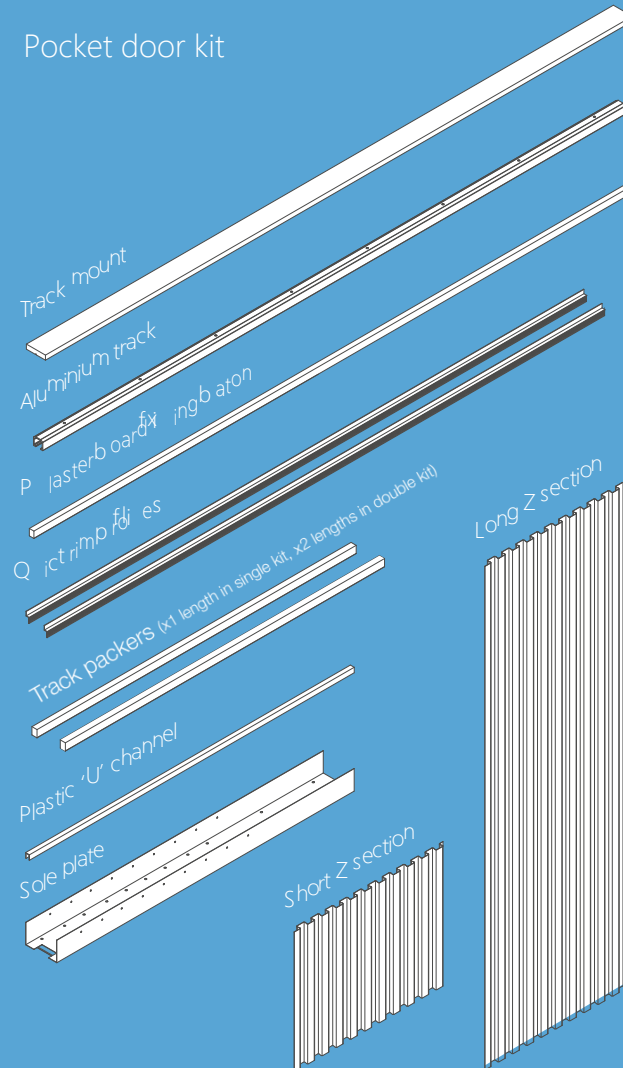
Hacksaw



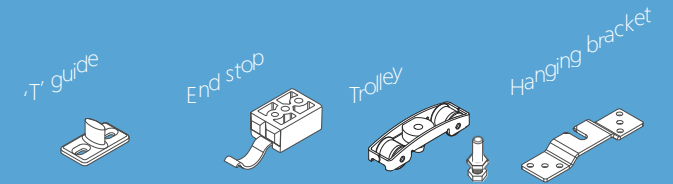
Protective equipment

Components

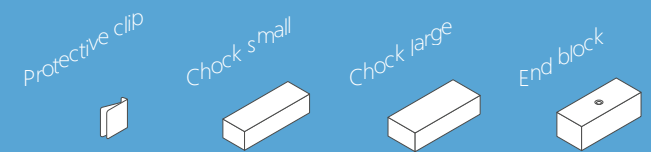
Pocket door kit



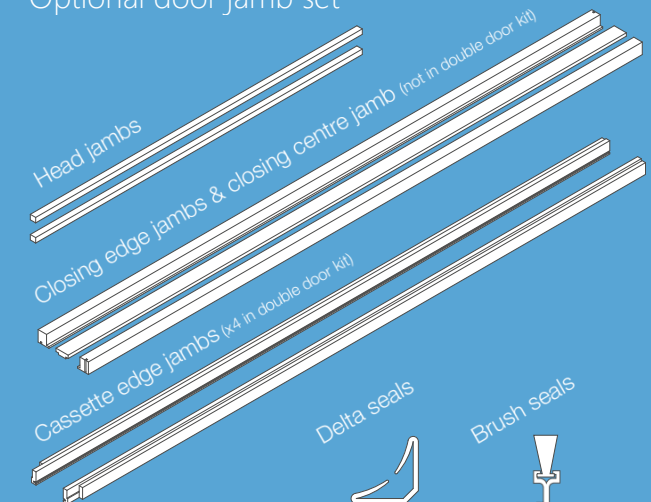
Sliding mechanism



Fixing items set



Optional door jamb set



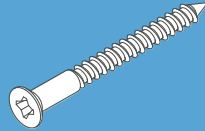
Screw sets (Multiple packs of each may be supplied depending on kit type ordered)

Screw set A



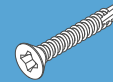
30x
4.2 x13mm Wafer Hd S'Drill Screws Zinc

Screw set B



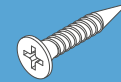
8x
4.5x50mm Screw Pozi Spax Zinc
passivated

Screw set C



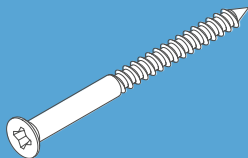
30x
25mm S Drill Drywall Screws Zinc

Screw set D



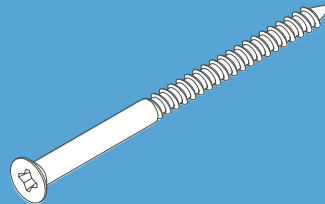
1x
M4x40mm Screw Zinc

Screw set E



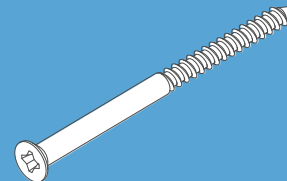
8x
4x60mm Screwtite prodrive CSK

Screw set F



6x
5x80mm Screws Pozi pan head Spax
Wirox coating

Screw set G



6x
4x70mm Screwtite prodrive CSK

PRE-DOOR FITTING INFORMATION

Firstly construct a studwork frame on which to affix the pocket door system. Portman doors are designed for 100mm studwork. It is crucial that the frame is constructed square and plumb. Measure door and studwork heights from the **finished floor level**.

1. To calculate studwork width and height from known door dimensions:

Studwork width (W) = (2 x Door width (Wp)) + 66mm

Studwork height (H) = Door height (Hp) + 85mm

For double doors: (W) = (4 x (Wp)) + 94mm

For double doors: (H) = (Hp) + 85mm

2. To calculate door size from known studwork dimensions:

Door width (Wp) = (Studwork width (W) - 66mm) / 2

Door height (Hp) = Studwork height (H) - 85mm

For double doors: (Wp) = ((W) - 94mm) / 4

For double doors: (Hp) = (H) - 85mm

3. To calculate door size from known door opening dimensions:

Door width (Wp) = Door opening width (Op) + 23mm

Door height (Hp) = Door opening height (Oh) + 4mm

For double doors: (Wp) = ((Op) + 34mm) / 2

For double doors: (Hp) = (Oh) + 4mm

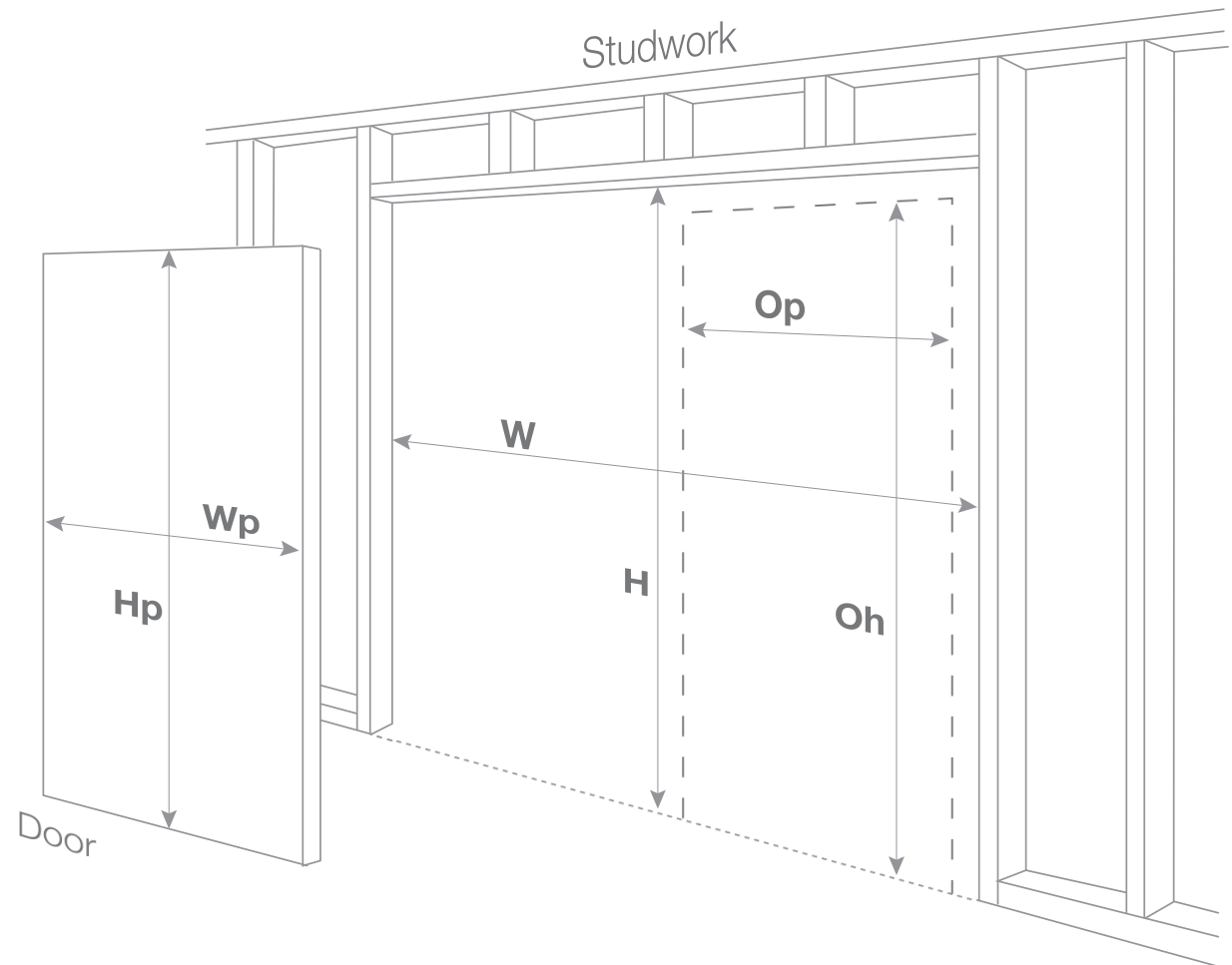
4. To calculate door opening width and height from known door dimensions:

Door opening width (Op) = Door width (Wp) - 23mm

Door opening height (Oh) = Door height (Hp) - 4mm

For double doors: (Op) = (2 x (Wp)) - 34mm

For double doors: (Oh) = (Hp) - 4mm



Key

Wp = Door width

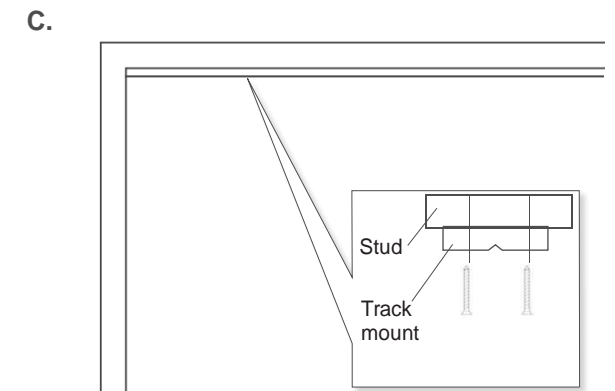
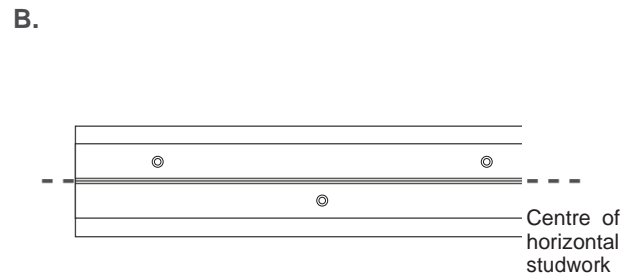
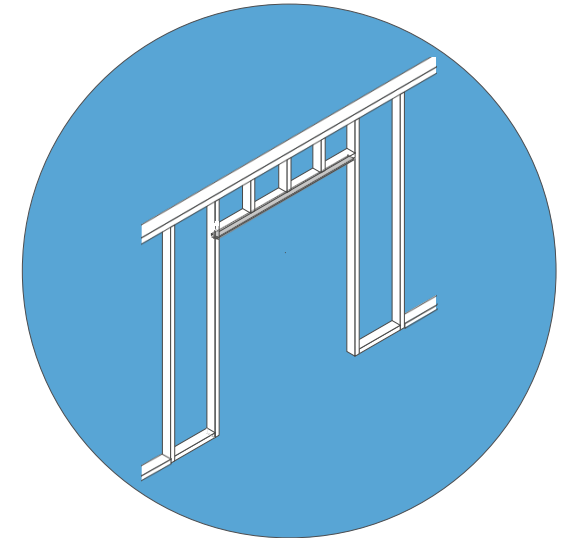
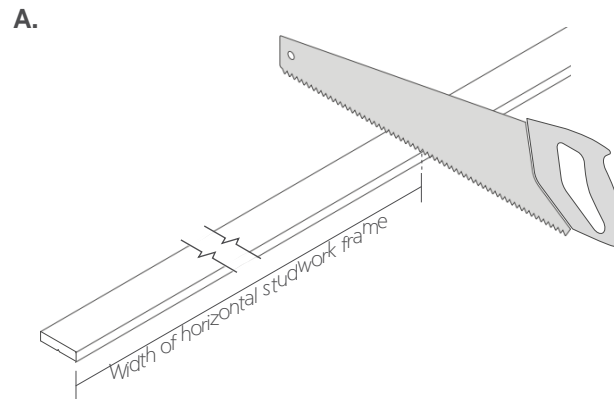
Hp = Door height

Step 1

Track mount

- A.** Cut the track mount to the width of your horizontal studwork / support frame.

For intermediate, wide and double kits, butt the two track mounts together to make up the required length.
- B.** Position the track mount in the centre of the top horizontal studwork timber / support frame.
- C.** Pilot drill and screw through both sides of the 'V' shaped groove and ensure screw heads are fully sunk into the wood (**Screws not supplied**).



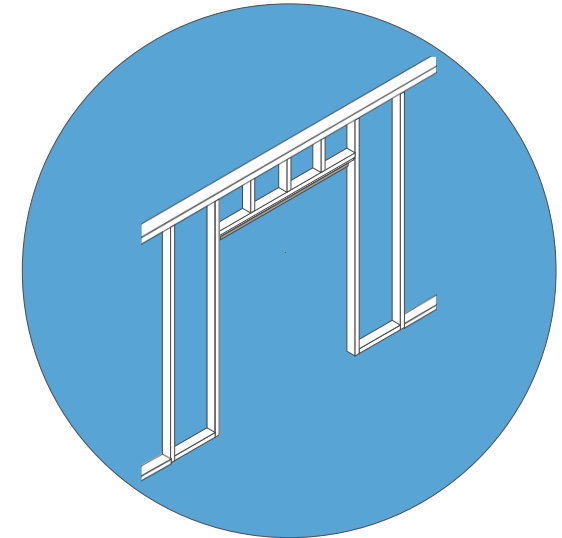
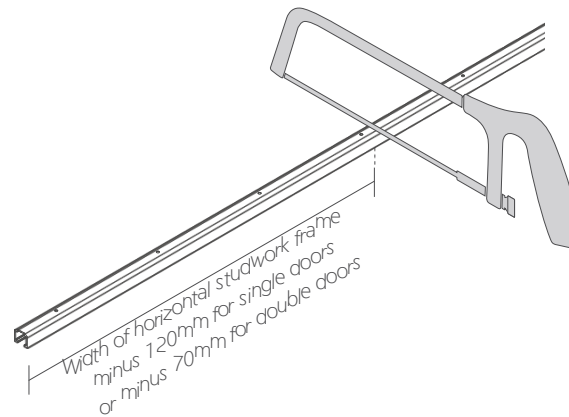
Step 2

Aluminium track

For single door kits

- A. Cut the aluminium track to the width of your horizontal studwork, minus 120mm.
- B. Position the aluminium track 82mm in from doorway vertical stud to allow for the end block. Pilot drill through the holes in the aluminium track into the 'V' Shaped groove in the track mount. Screw fix using **'Screw Set B'**.

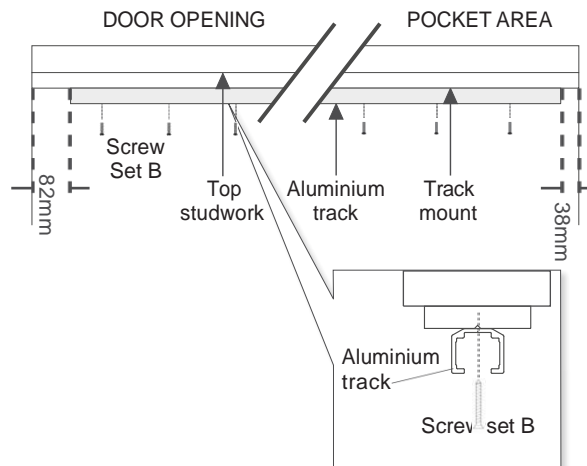
A.



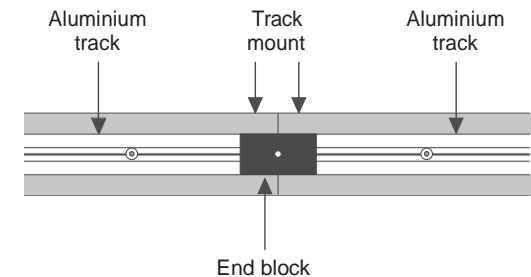
For double door kits

- A. Cut the aluminium tracks to half the width of your horizontal stud, minus 70mm.
- B. Pilot drill the end block using a 2mm bit and position centrally into the track mount and screw into the 'V' shaped groove with **'Screw Set D'**.
- C. Butt the aluminium tracks to it, leaving a gap to the far side of each track and fix into the 'V' shaped groove in the track mount with **'Screw Set B'**.
- D. At this point remove the end block as entry to aluminium tracks is required for installation.

B.



C.



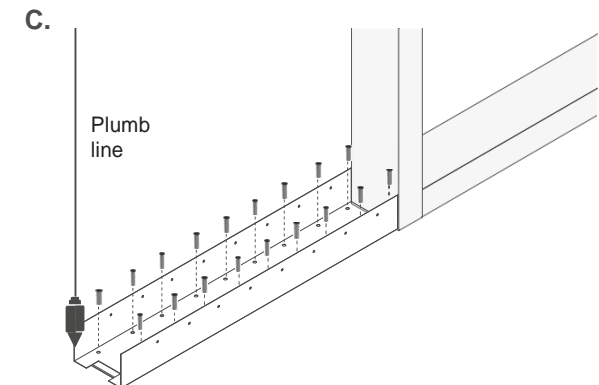
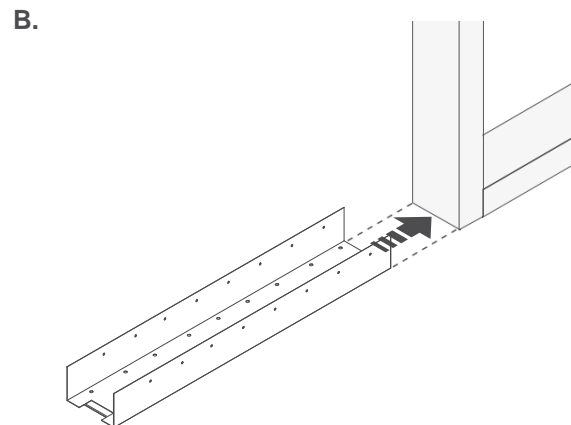
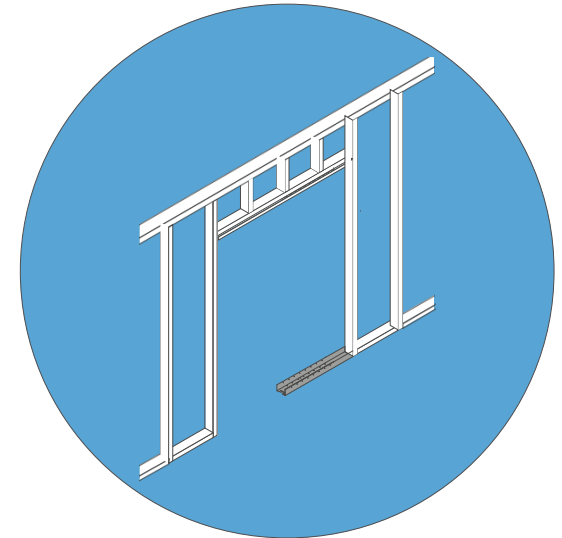
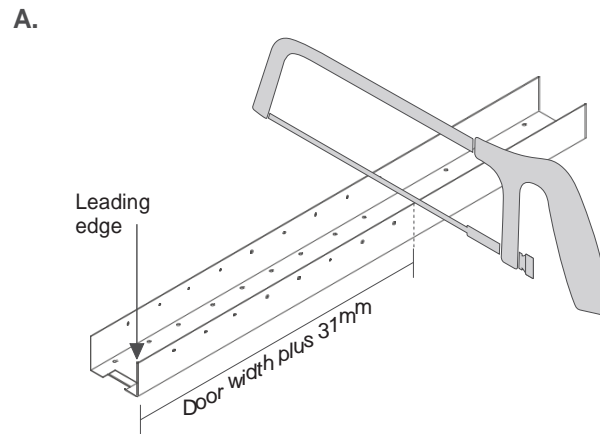
PLEASE NOTE: TRACK SHOULD BE CLEAR OF ANY DEBRIS

Step 3

Sole plate

- A.** Ensure the sole plate measures the correct length (door width plus 31mm) from the leading edge end. Cut the sole plate if required using a hacksaw.
- B.** Butt the sole plate centrally to the studwork at the back edge of where the pocket will be constructed.
- C.** Plumb true to the aluminium track above and secure the plate to the floor with appropriate fixings (not supplied).

For double door kits, repeat on the other side.



Step 4

'Z' sections

- A.** Extend the long and short 'Z' sections to the desired height (inside surface of sole plate to underside of top studwork). **DO NOT DISASSEMBLE LONG & SHORT 'Z' SECTIONS.**

- B.** Position the long 'Z' section inside the sole plate so that both leading edges are flush. **MAKE SURE THE SHORT 'Z' SECTION IS ON THE OUTSIDE OF THE LONG 'Z' SECTION.**

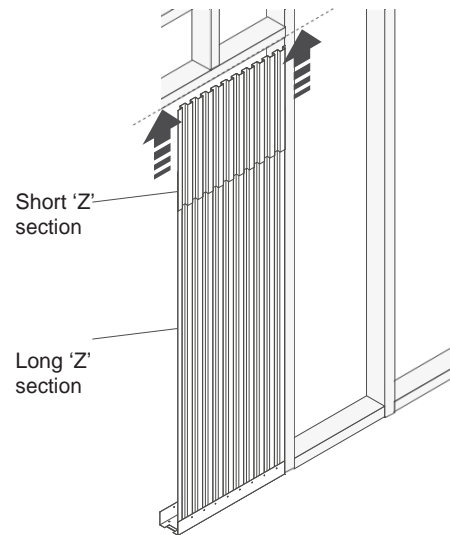
For intermediate, wide and double kits, a second set of long and short 'Z' sections are supplied. Fit only the first set at this stage. On intermediate kits, the second set are narrower than the first set.

IF USING A REINFORCING KIT, PLEASE REFER TO INSTRUCTIONS 003-285 AND INSTALL IT AT THIS POINT BEFORE SCREW FIXING THE LONG & SHORT 'Z' SECTIONS.

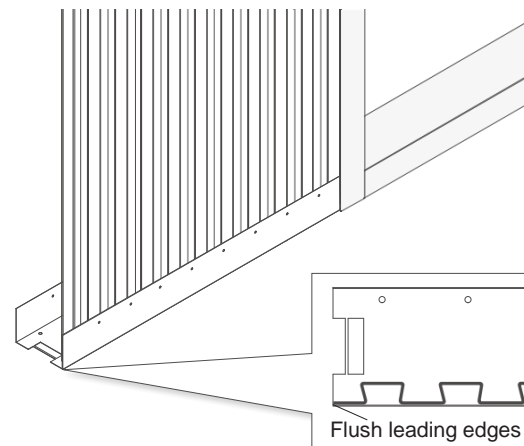
- C.** Ensure panels are level and then fix with screws. Fix the short 'Z' section to the track mount with 'Screw Set C'. **PLEASE NOTE: SHORT 'Z' SECTION SHOULD BE ON THE OUTSIDE OF THE LONG 'Z' SECTION.**

Fix the long 'Z' section to the sole plate with 'Screw Set A'.

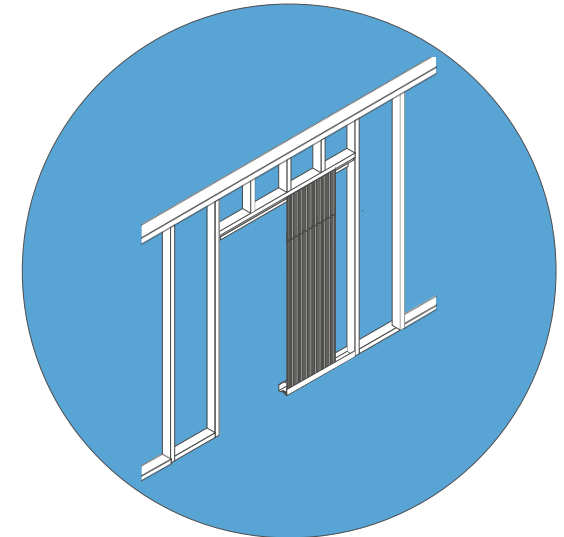
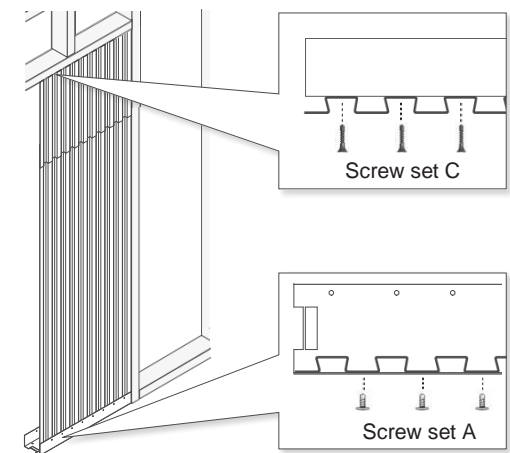
A.



B.



C.



Step 5

'Z' section joining

- A.** At the back of the pocket, place the protective edge clip onto the 'Z' sections, covering where the 'Z' sections join.
- B.** In the last 'Z' section slot towards the back of the inside pocket, push the large chock into the short 'Z' section and the two small chocks into the long 'Z' section. This pushes the edge outwards so the door does not snag on it when closing.

For intermediate and wide kits, fit chocks in the first and last slot in the rear 'Z' sections as detailed above. Fit protective edge clips on all joints on the rear 'Z' sections.

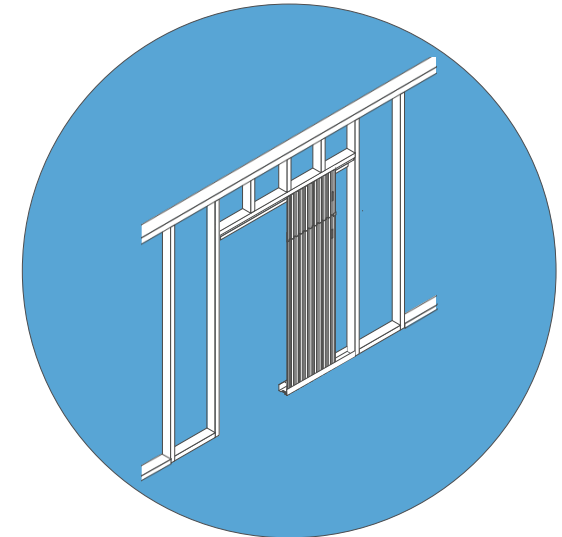
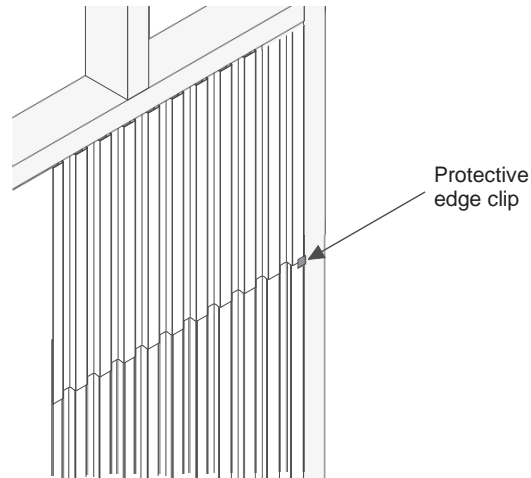
- C.** Repeat stages 4 - 5 on the other side of the pocket.

For double door kits repeat stages 4 - 5 to create the second pocket.

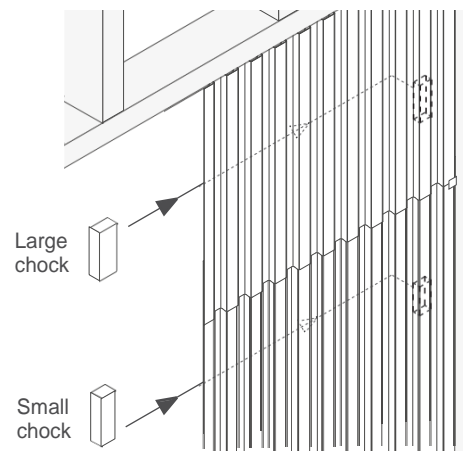
- D.** Pilot and screw through from outside to join 'Z' sections together in five locations using 'Screw Set A'.

ENSURE 'Z' SECTIONS DO NOT BECOME BOWED WHEN FIXING INTO PLACE

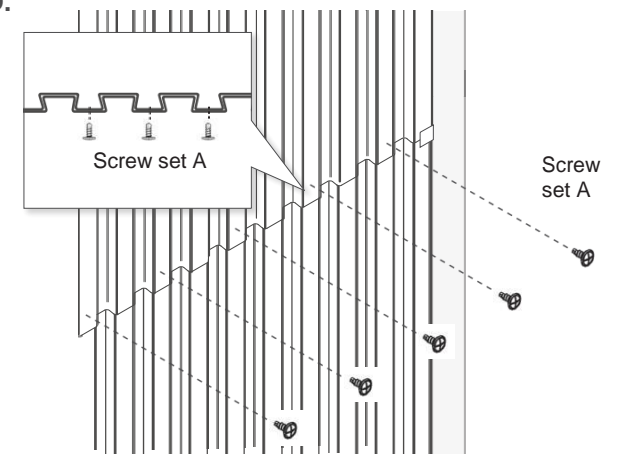
A.



B.



D.



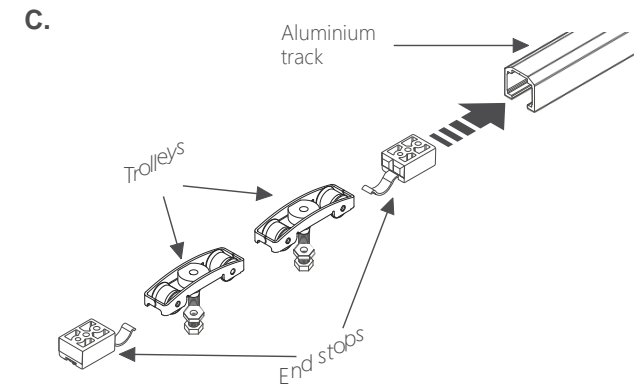
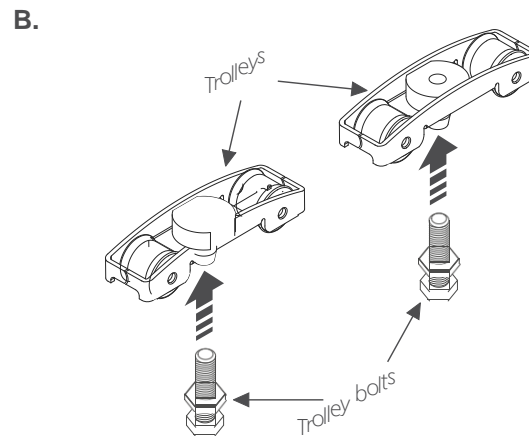
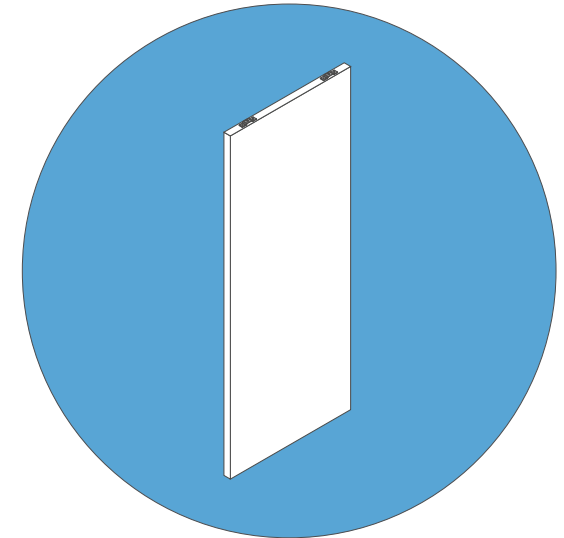
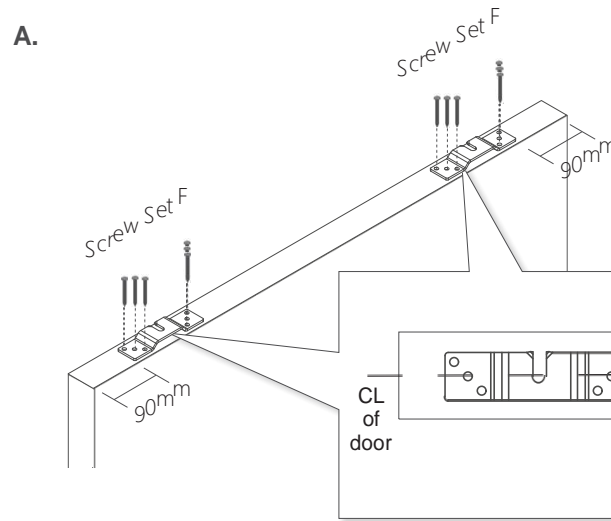
Step 6

Trolley fixing

IF USING A TOUCH LATCH, DISCARD THE REAR END STOP

- A. Fit the trolley bracket centrally to the top edge of the door using '**Screw Set F**'. Ensure the trolley bracket edge is 90mm away from the door edge. Repeat the procedure for the other trolley bracket.
- B. Screw the trolley bolts into the trolleys. Ensure both bolts are screwed in the same amount on both trolleys to ensure the door is level and to make adjustment easier.
- C. Slide both trolleys into the top rail and both end stops into the track, one at the front and one at the back. Do not fix them in place.

For double door kits, repeat for second door.

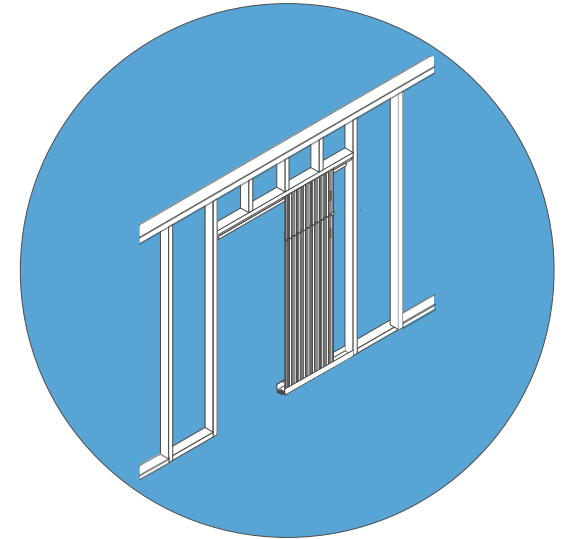
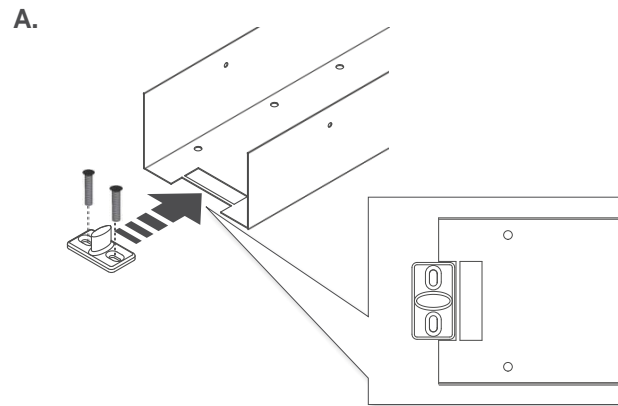


Step 7

'T' guide

- A.** Fix the 'T' guide at finished floor level, into the sole plate by inserting it into the pre-cut area. Ensure it is flush against the metal strip in the sole plate and then screw fix firmly to the finished floor (fixings not included).

For double door kits, repeat for other side.



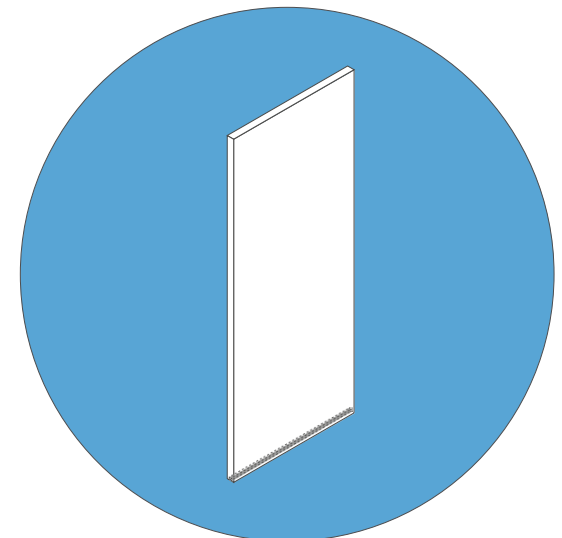
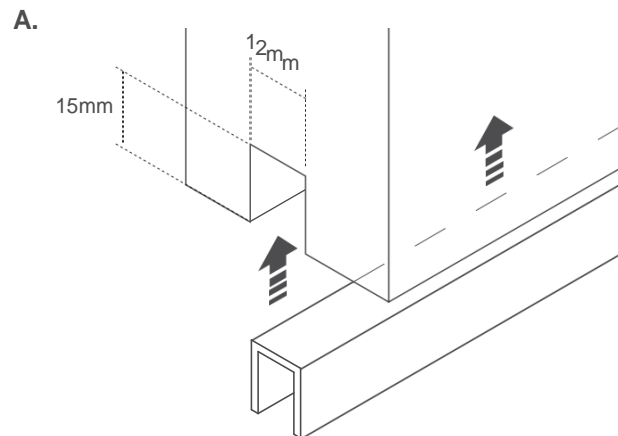
Step 8

Bottom door groove

- A.** Cut a groove in the bottom face of the door to suit the plastic 'U' channel which the 'T' guide runs in. Ensure when cutting the groove it is centralised along the width of the door.

Bond or pin the plastic 'U' channel into the cut groove ensuring the 'T' guide can move freely within it. Do not use screws.

For double door kits, repeat for second door.



Step 9

Door hanging

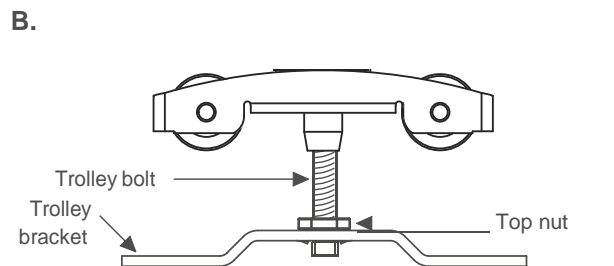
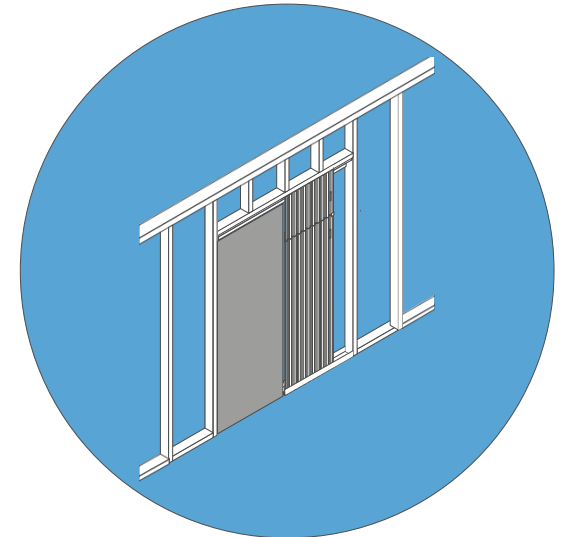
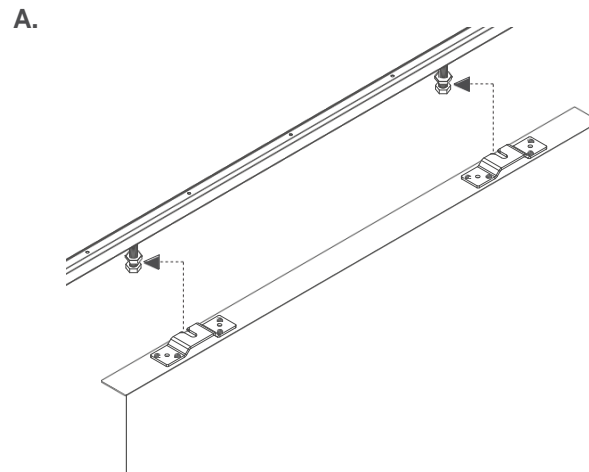
- A.** Hang the door by sliding the trolley brackets onto the trolley bolts, taking care not to damage the door on the 'T' guide.
- B.** Tighten the top nuts onto the trolley brackets to fix the trolleys into place.

TEST THAT DOOR RUNS SMOOTHLY AND IS PLUMB

Correct door operation by adjusting the trolley bolt using provided spanners;

- Screw the trolley bolt in slightly to raise the door.
- Unscrew the trolley bolt slightly to lower the door.

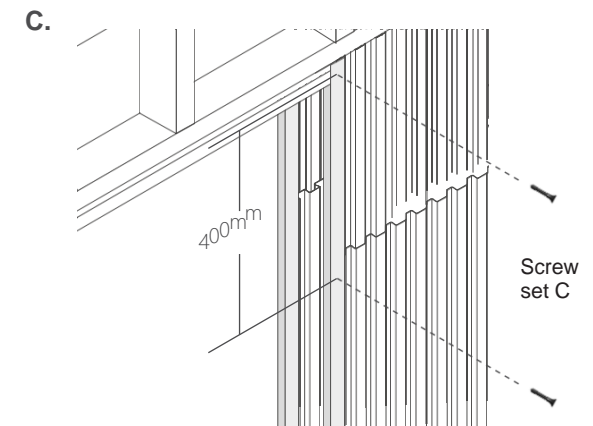
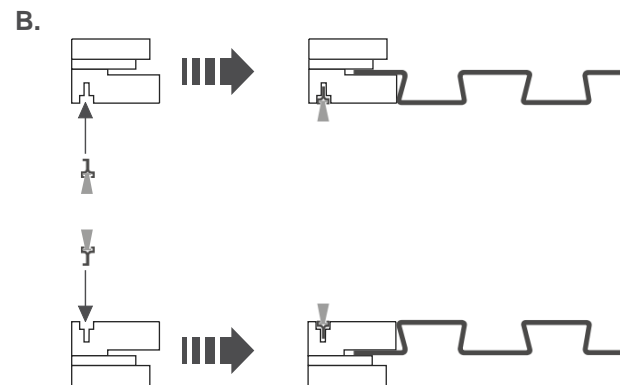
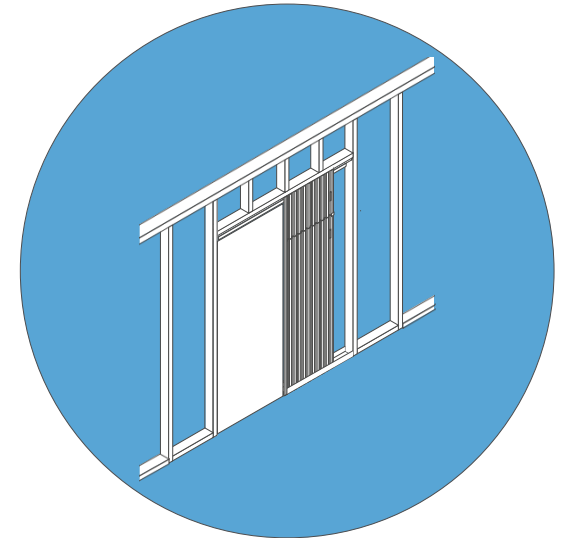
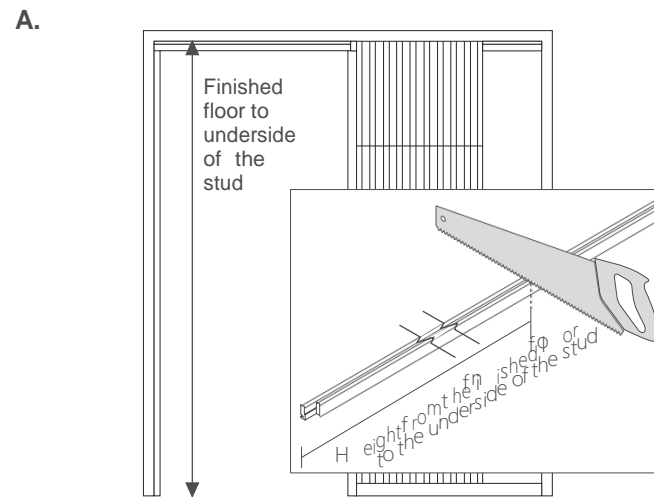
For double door kits, repeat for second door.



Step 10

Cassette edge jambs

- A.** Measure from the finished floor to the underside of the stud and cut the cassette edge jambs to this measurement. Ensure any cut is made at the end without the notch detail.
- B.** Push fit the brush seals into all cassette edge jambs and press the cassette edge jambs onto the edges of the 'Z' sections.
- C.** Secure the cassette edge jambs to the 'Z' sections at the top and bottom with 'Screw Set C' and then approximately at every 400mm.



Step 11

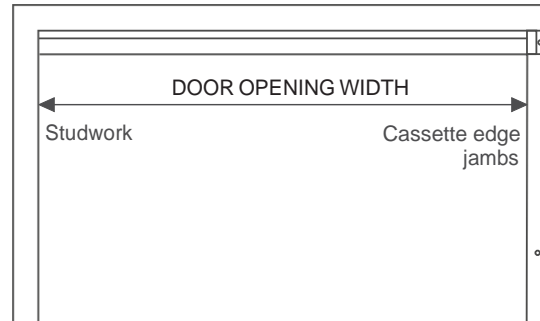
Track packers

- A.** Measure the remaining door opening width between the cassette edge jambs and the studwork. Cut the track packer length to this width (single length for a standard width kit, 2 lengths for intermediate, wide and double kits).

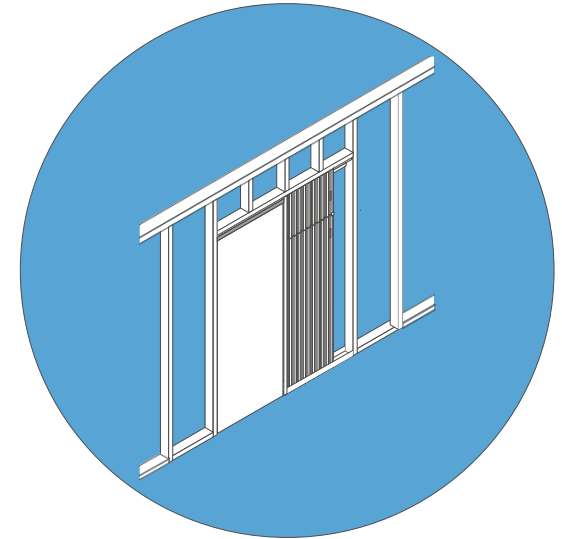
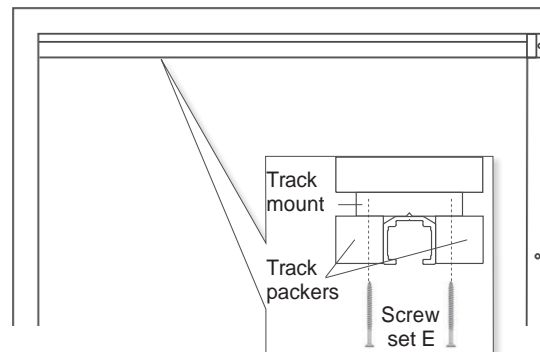
For double door kits, measure between the cassette edge jambs of one pocket and the other.

- B.** To secure the track packers, first pilot and countersink a series of holes in their length, approximately 300mm apart. Screw through into the track mount using 'Screw Set E'.

A & B.



B.



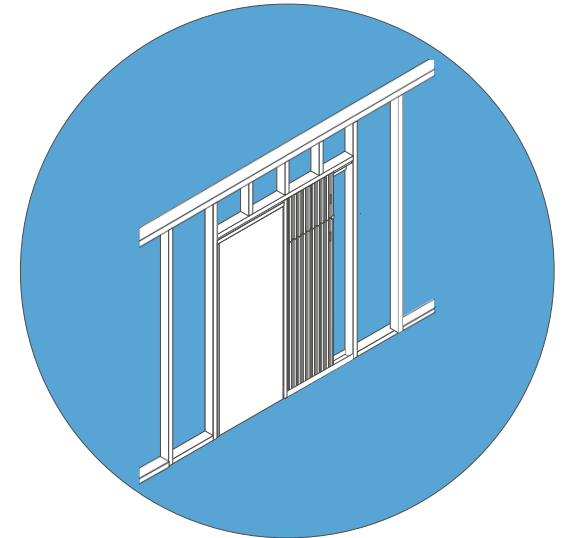
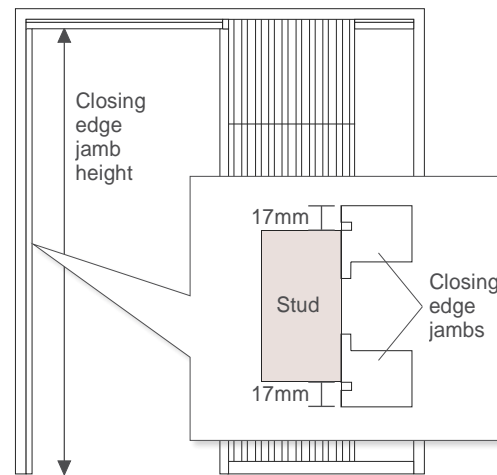
Step 12

Closing edge jambs

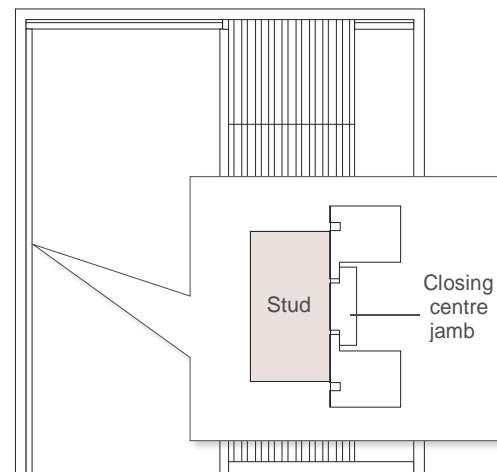
For double door kits, discard this step.

- A.** Measure from the finished floor to the underside of the track packer and cut the closing edge jambs to this measurement. Position the closing edge jambs 17mm from the face of the stud, slide the door to its closed position to test fit. Secure to the stud (fixings not included).
- B.** Cut the closing centre jamb to the same length and fit between the closing edge jambs. Slide the door to its closed position to test fit. Secure to stud (fixings not included).
- C.** Cut the delta seals to the closing edge jamb lengths and press into the pre-made grooves.

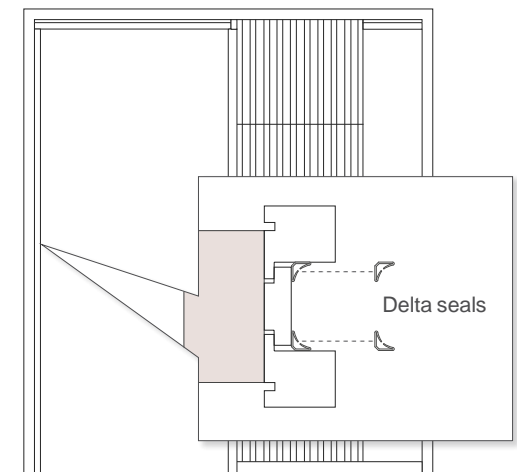
A.



B.



C.



Step 13

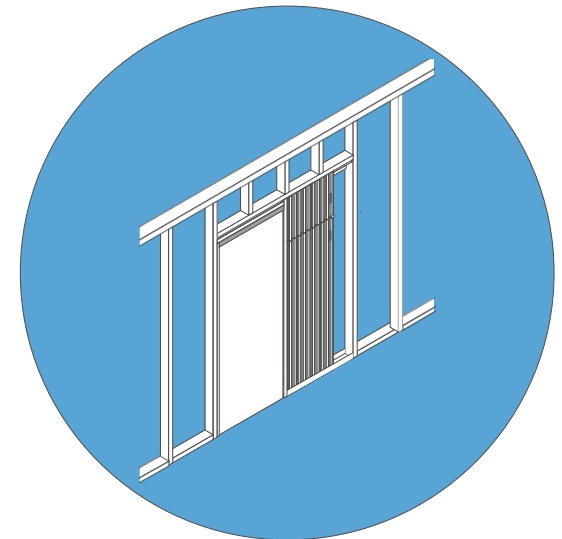
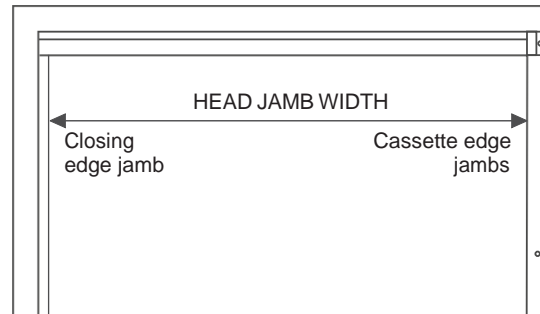
Head jamb fitting

- A.** Cut the head jamb to fit between the closing edge jamb and the cassette edge jamb.

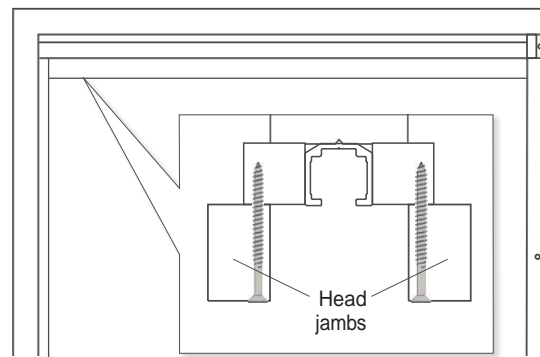
For double kits, measure between the cassette edge jambs of one pocket and the other.

- B.** Using 'Screw Set G', screw through the head jamb, fixing into the track packer. Space the screws approximately 300mm apart along the head jamb length.

A & B.



B.



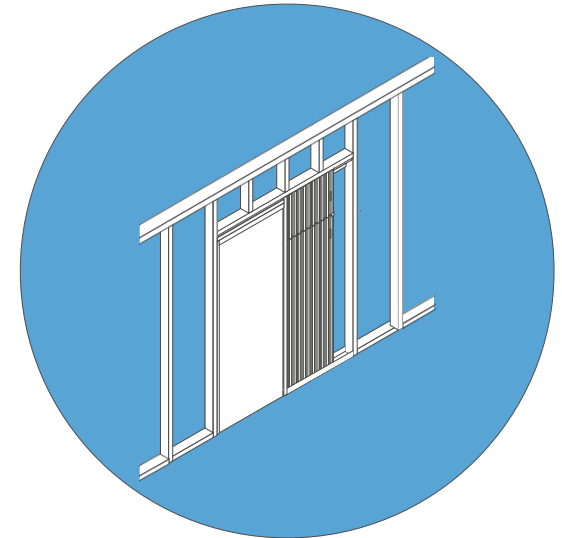
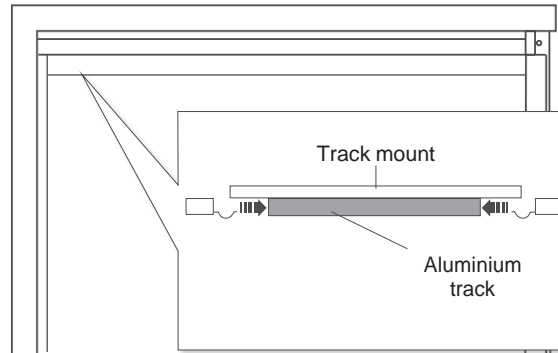
Step 14

End stops

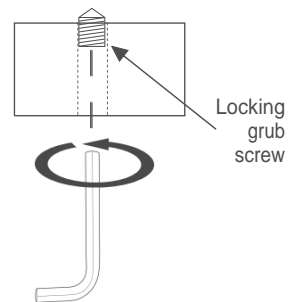
- A.** Place end stops at the front and back of the aluminium track (If not done already).
- B.** Fix end stops in required positions within the aluminium track by removing the spring giving access to the centre hole locking grub screw, use the provided 3mm allen key.
- C.** Replace the spring and adjust the spring tension screw to the desired tension to hold the trolleys in place, use the provided 4mm allen key.

For double door kits, repeat for second track.

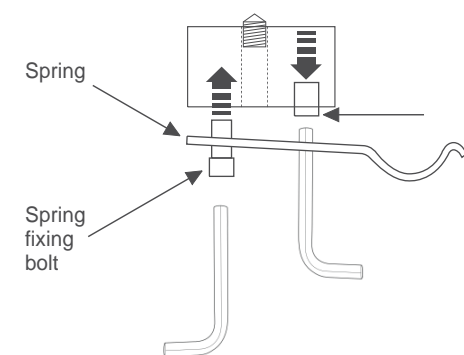
A.



B.



C.



INTERMEDIATE AND WIDE KITS

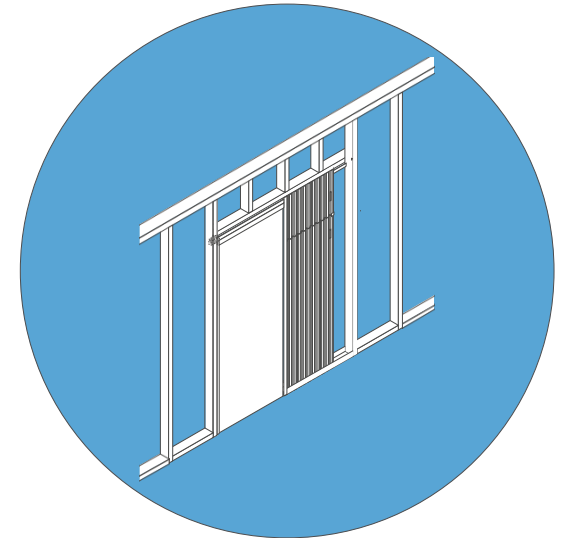
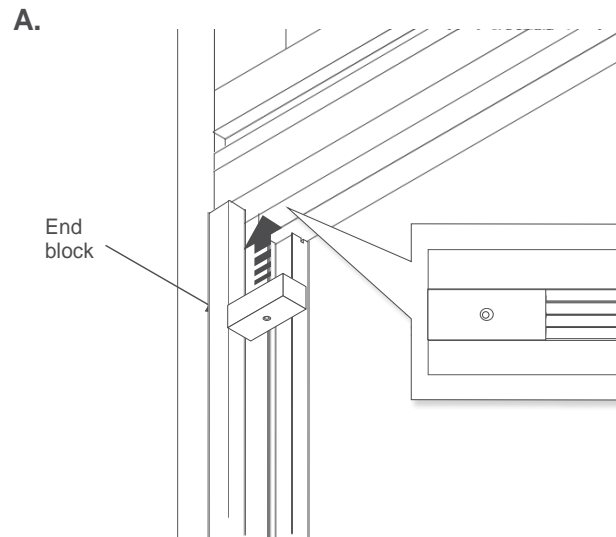
Fit the second set of 'Z' section sheets so that the rear edge is inline with the back of the pocket.

Step 15

End block

- A.** Drill pilot hole in end block using a 2mm pilot. Place the end block into the corresponding space in the end of the aluminium track and screw in place through the hole in the block using 'Screw Set D'.

For double door kits, use the end block in the central space of the track.



Step 16

Plasterboard

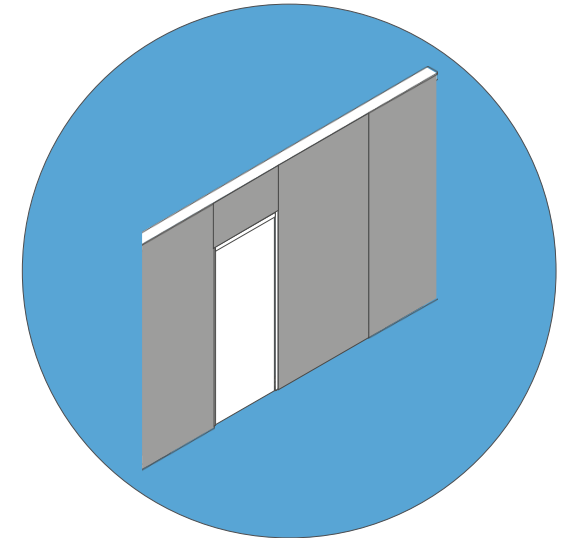
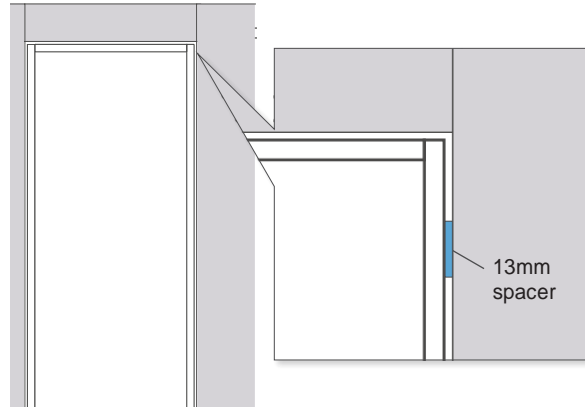
ENSURE EVERYTHING IS FUNCTIONING CORRECTLY PRIOR TO FITTING THE PLASTERBOARD

- A. Insert the plasterboard fixing baton into the first valley 'Z' section. This is so the fixings for the Qic trim profile of the cassette edge jamb have something to screw into. Offer 12.5mm plasterboard up to the jambs around the door.
- B. When positioned correctly, use screw fixings to secure to the stud frame. Pilot drill through the plasterboard and 'Z' sections a maximum of 300mm apart vertically and horizontally equal. Screw the plasterboard into place (fixings not included).

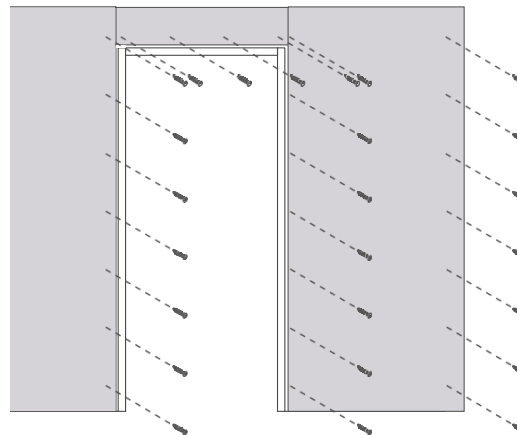
ENSURE NO SCREWS PROTRUDE INTO THE POCKET CAVITY.

- C. Cut Qic trim profiles to fit with mitred corners using a hack saw and slide into the 13mm space between plasterboard and jambs created in **Step 16a**. Use a 10mm spacer to set gap even all round as you fix the beading in place.

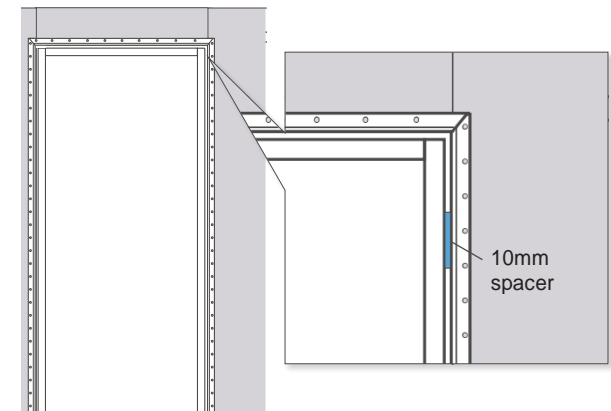
A.



B.



C.



PORTMAN

Royde & Tucker Ltd
Bilton Road, Cadwell Lane
Hitchin SG4 0SB
Tel: 01462 444466
Email: sales@portman-pocketdoors.co.uk
www.portman-pocketdoors.co.uk