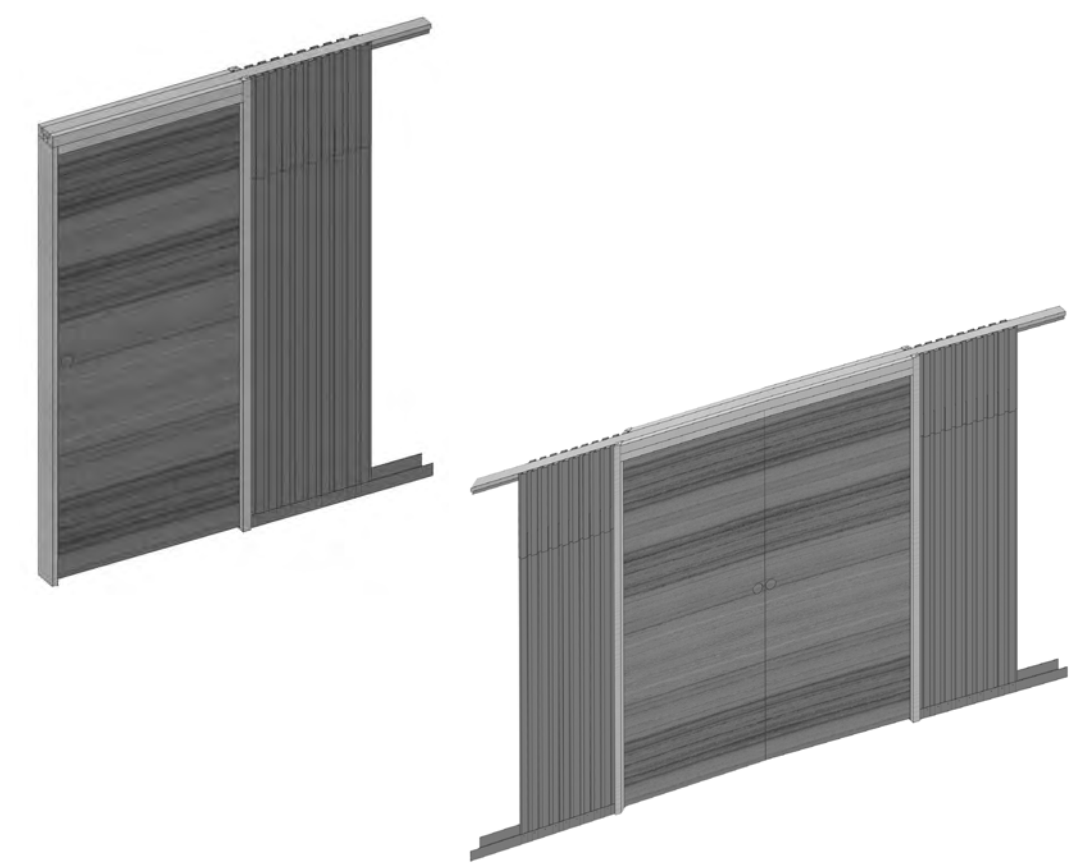
PORTMAN

P7001 Standard Kit
FITTING INSTRUCTIONS

IF INSTALLING POWERED DOOR KIT, PLEASE FOLLOW FITTING INSTRUCTIONS 003-257.
IF INSTALLING ANY OF THE PORTMAN SELF CLOSING SYSTEMS OR TOUCH LATCH, PLEASE READ THE CORRESPONDING FITTING INSTRUCTIONS SUPPLIED WITH THE CLOSING SYSTEM FIRST



(Image for reference only)

COMPONENTS

POCKER DOOR KIT

• SHORT / LONG 'Z' SECTION	*
• LONG 'Z' SECTION	*
• L-SHAPED TRACK PACKER	*
• PLYWOOD TRACK MOUNT	*
• ALUMINIUM TRACK	*
• DOOR BOTTOM CHANNEL	*
• SOLE PLATE	*
• RUBBER SEAL	*
• BRUSH SEAL	*

DOOR JAMB SET

• HEAD JAMB	2
• FRONT EDGE JAMB	2
• CASSETTE EDGE JAMB	2

SLIDING MECHANISM

• ADJUSTMENT NUT/BOLT	2
• TROLLEY CATCH	2
• TROLLEY ASSEMBLY	2
• BRACKET END CAP	2
• BRACKET	2
• FLOOR GUIDE	1

FIXING ITEMS

• END BLOCK	1
• PROTECTIVE EDGE CLIP	*
• CHOCK LARGE	*
• CHOCK SMALL	*
• SET A	*
• SET B	*
• SET C	*
• SET D	*
• SET E	*

* Quantities are dependant on type of kit ordered

SUGGESTED TOOLS

DRILL

G-CLAMP

TAPE MEASURE

HACKSAW

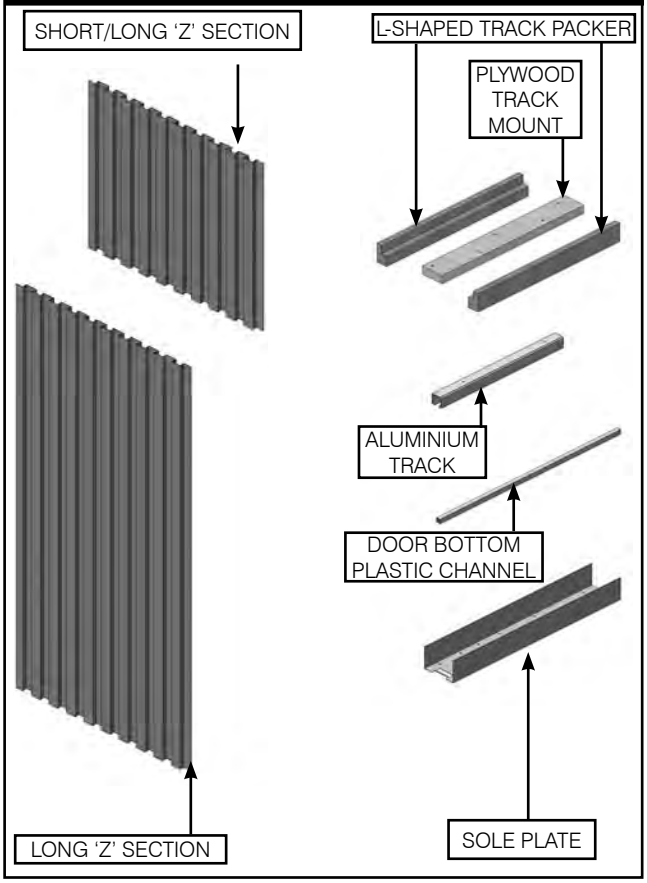
PLUMB LINE

HANDSAW

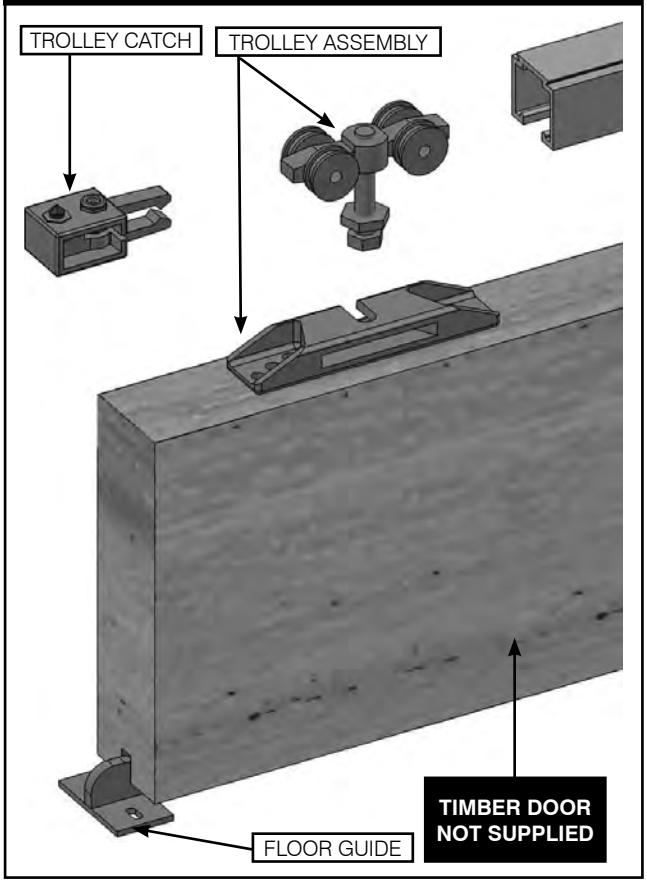
SPIRIT LEVEL

PROTECTIVE EQUIPMENT

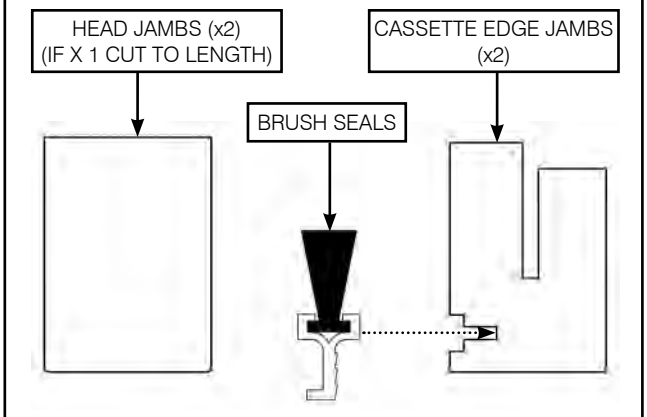
POCKET DOOR KIT



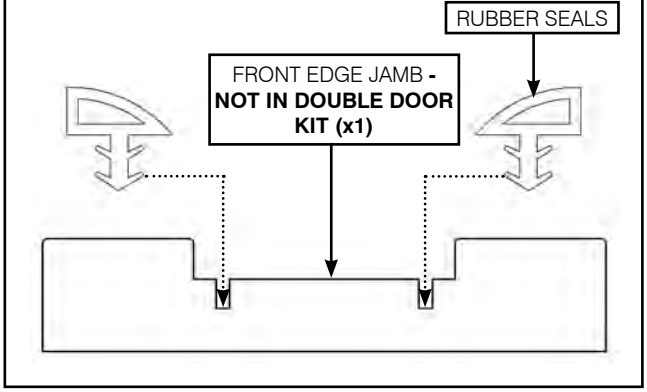
SLIDING MECHANISM



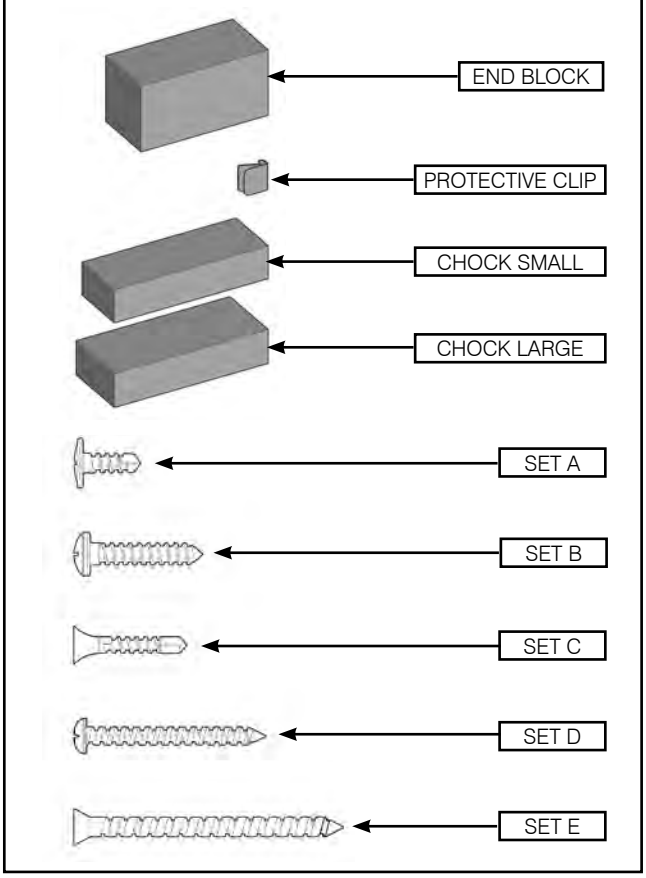
OPTIONAL DOOR JAMB SET



CASSETTE AND FRONT JAMB SUPPLIED IN 2.2m OR 2.8m LENGTHS



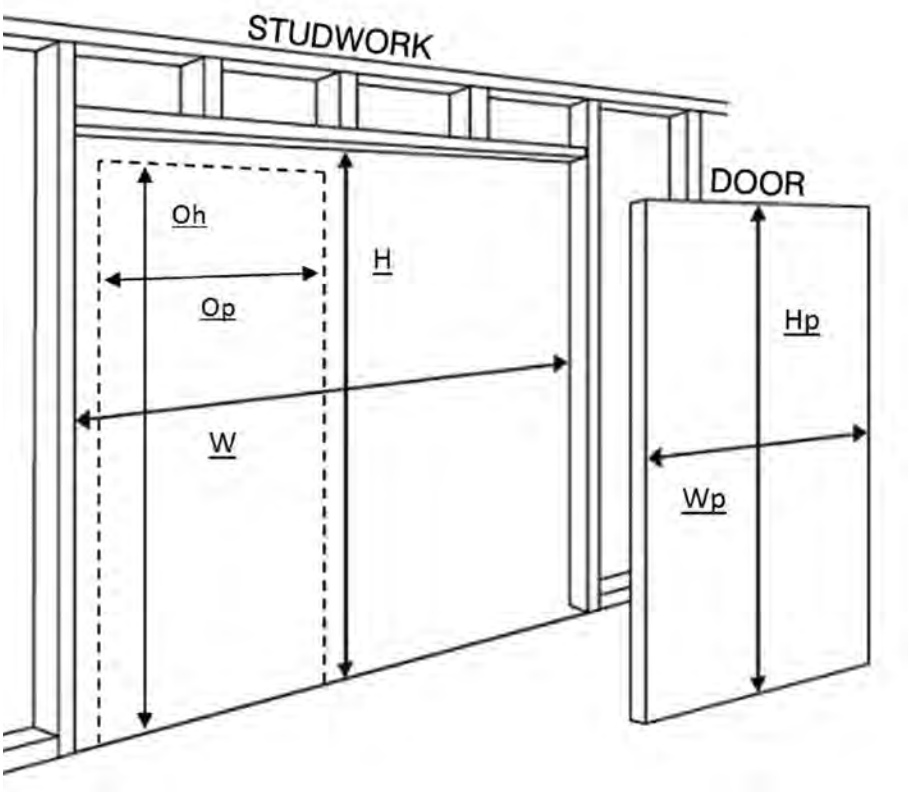
FIXING ITEMS SET



PRE-DOOR FITTING INFORMATION

Firstly construct a studwork frame on which to affix the pocket door system. Portman doors are designed with 100mm studwork

For correct operation, it is crucial that the frame is constructed square and plumb.



Abbreviations

W = STUDWORK WIDTH

H = STUDWORK HEIGHT

Op = DOOR OPENING WIDTH

Oh = DOOR OPENING HEIGHT

Wp = DOOR WIDTH

Hp = DOOR HEIGHT

SIZES CAN BE CALCULATED AS FOLLOWS
(FOR SINGLE STANDARD DOOR WITH A DOOR THICKNESS OF 44mm)

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

Studwork width (W) = 2 x Door width (Wp) + 11mm Studwork height (H) = Door height (Hp) + 95mm	For double doors: (W) = 4 x (Wp) - 16mm For double doors: (H) = (Hp) + 95mm

2. To calculate **door size** from known **studwork dimensions:**

Door width (Wp) = (Studwork width (W) -11mm) / 2 Door height (Hp) = Studwork height (H) - 95mm	For double doors: (Wp) = ((W) + 16mm) / 4 For double doors: (Hp) = (H) - 95mm

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) + 7mm	For double doors: (Wp) = ((Op) + 34mm) / 2 For double doors: (Hp) = (Oh) + 7mm

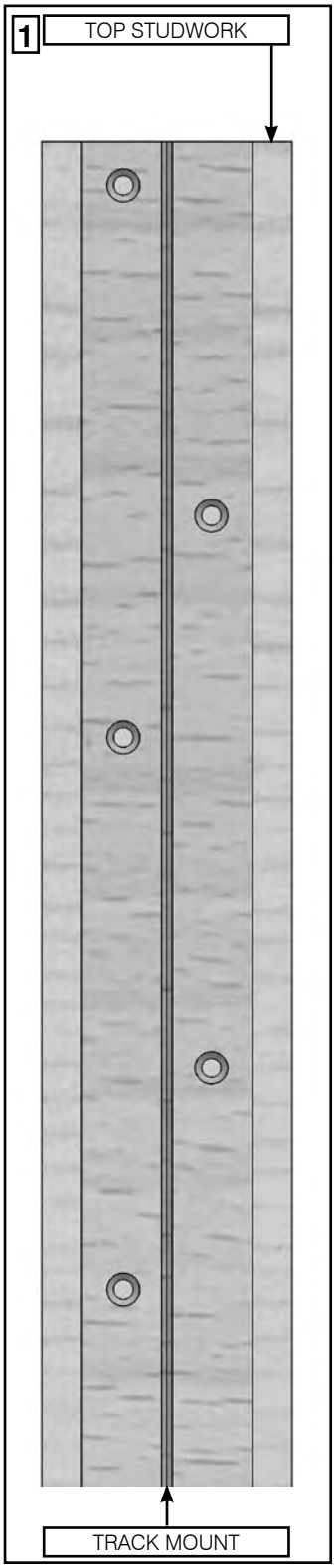
4. To calculate **door opening** width and height from known **door dimensions:**

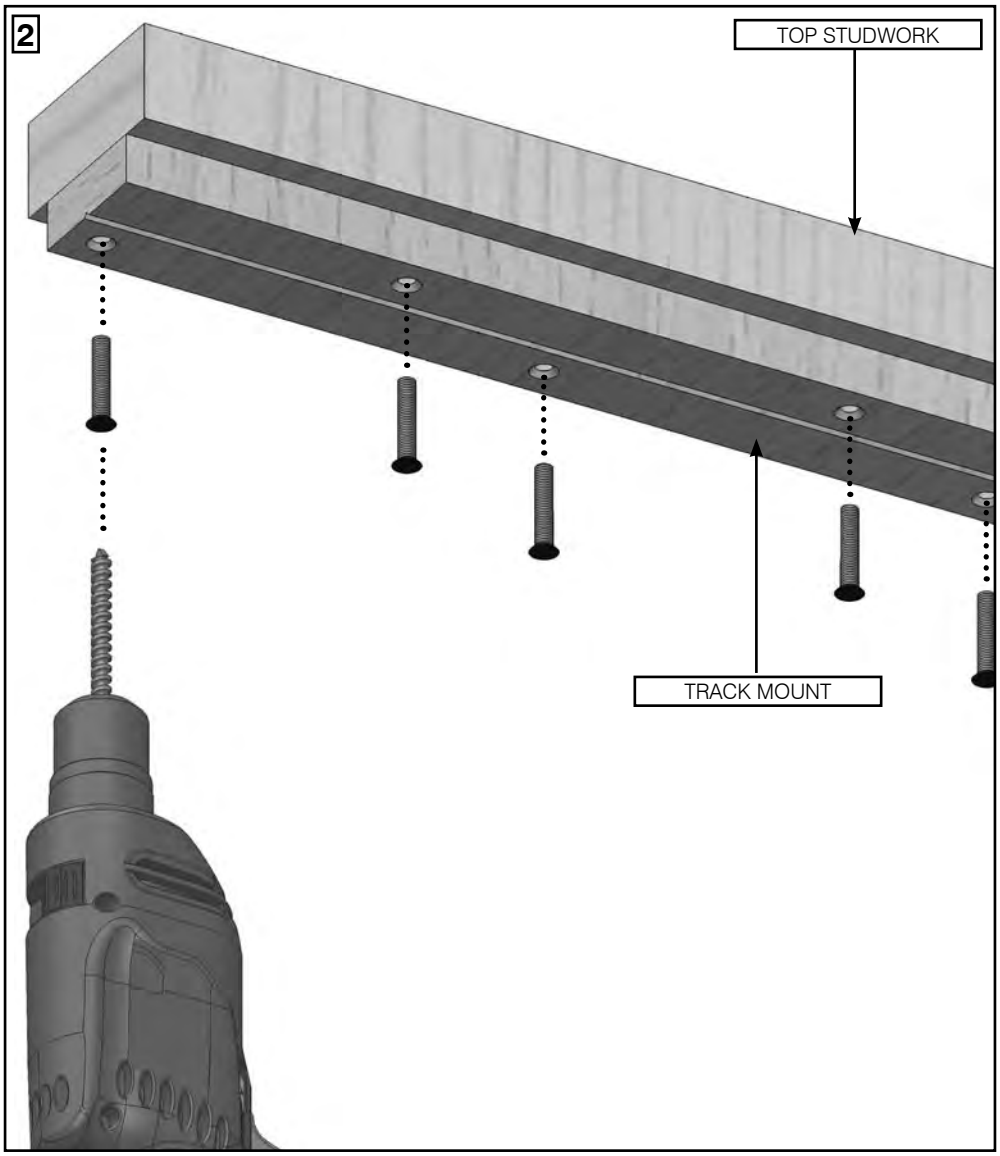
Door opening width (Op) = Door width (Wp) - 23mm Door opening height (Oh) = Door height (Hp) - 7mm	For double doors: (Op) = (2 x (Wp - 34mm)) For double doors: (Oh) = (Hp) - 7mm

1. TRACK MOUNT

PLEASE NOTE:

IF FITTING A SELF CLOSER OR DAMPER SYSTEM, THE MINIMUM DOOR WIDTH ACHIEVABLE IS 625MM



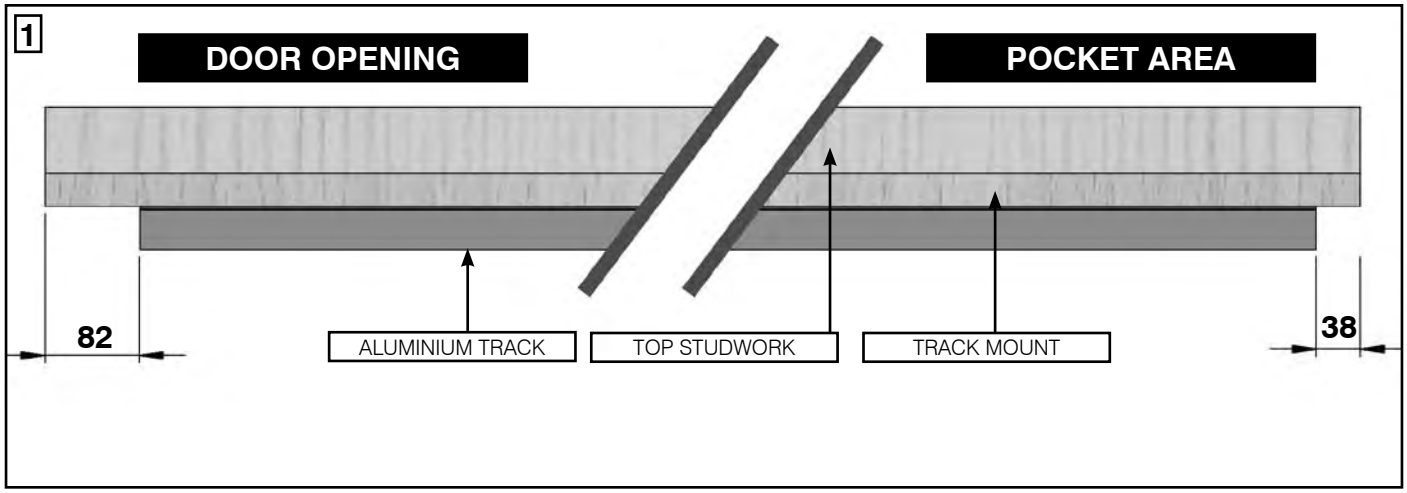


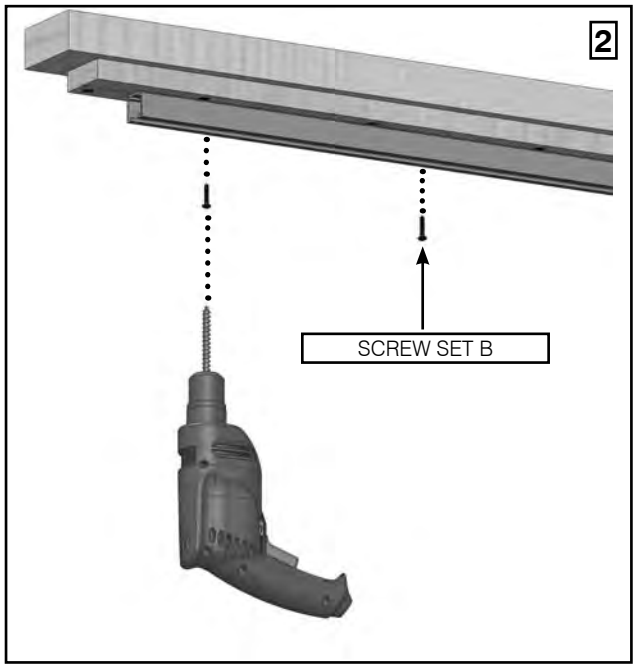
1. Cut the plywood track mount to the width of your horizontal studwork / support frame.

2. Position the track mount in the centre of the top horizontal studwork timber / support frame.

3. Pilot drill and screw through both sides of 'V' Shaped Groove and ensure screw heads are fully sunk into the wood **(Screws not supplied).**

2. ALUMINIUM TRACK

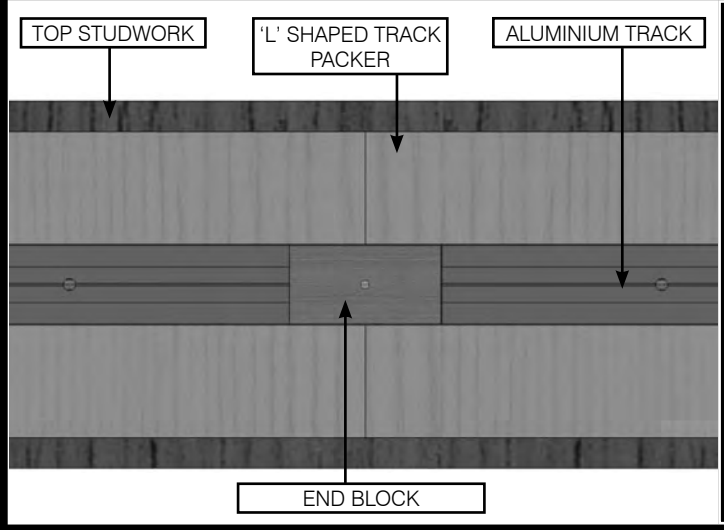




1. Cut the aluminium track to the width of your horizontal studwork, minus 120mm. Position 82mm in from doorway vertical stud to allow for the end block.

2. Pilot drill through the holes in the track into the 'V' Shaped groove in the plywood track mount. Screwfix using **'Screw Set B'.**

TRACK SHOULD BE WIPED CLEAN TO REMOVE ANY CONTAMINENT



If using the **Double Door Kit**, position the end block centrally into the plywood track mount and screw into the 'V' Shaped Groove with **'Screw Set D'**.

Butt the aluminium tracks to it, measure and cut them to size and fix into the 'V' Shaped Groove in plywood track mount with **'Screw Set B'**.

At this point remove the end block as entry to tracks is required for installation.

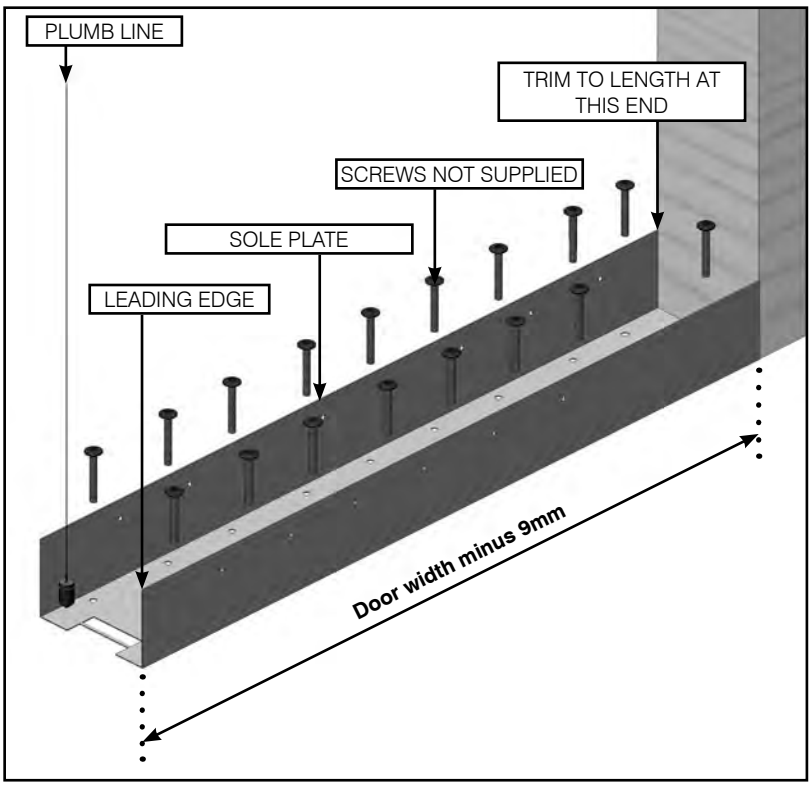
3. SOLE PLATE

1. Position the leading edge of the sole plate (Door width minus 9mm) away from the inside face of the rear studwork.

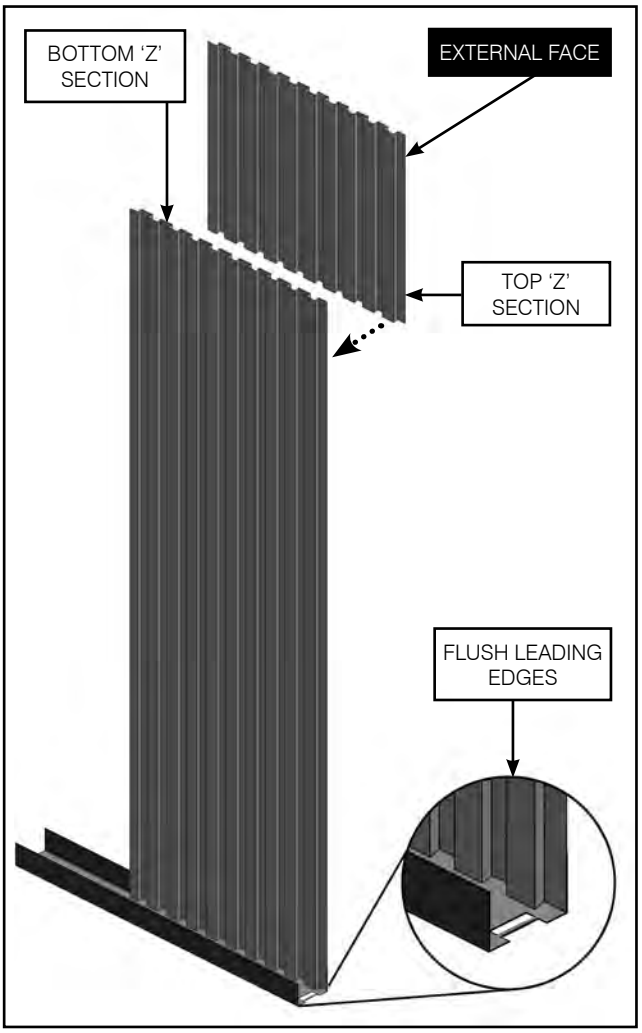
   Sole Plate may need cutting down depending on door size.

2. Butt the sole plate centrally to the studwork at the back edge of the pocket.

3. Plumb true to the aluminium track above and secure the plate to the floor with appropriate fixings **(not supplied)**.



4. 'Z' PANELS



1. Adjust the 'Z' Panels to desired height (inside surface of sole plate to underside of top studwork).

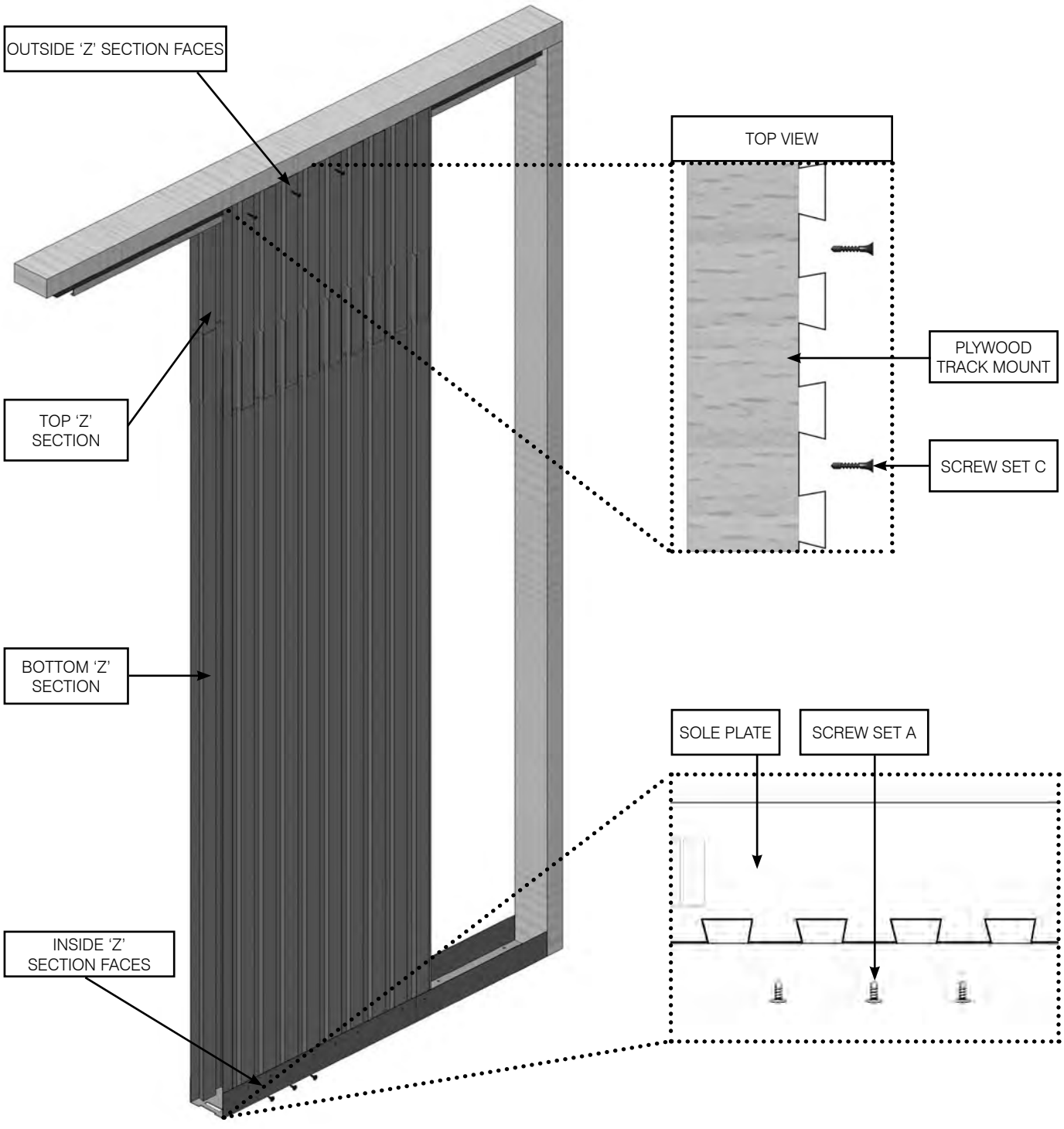
2. Position the bottom 'Z' Panel inside the sole plate so that both leading edges are flush.

Make sure the top 'Z' section is on the outside of the pocket.

Please Note: With wide and intermediary kits a second set of metal 'Z' panels are supplied. The second set should be installed level with the rear of the sole plate. On the intermediary kits the narrow sheets should be to the rear of the pocket

IF YOU ARE USING A REINFORCING KIT - PLEASE REFER TO INSTRUCTIONS 003-285 AND INSTALL IT AT THIS POINT BEFORE SCREW FIXING THE 'Z' PANELS

PLEASE NOTE: TOP 'Z' SECTION IS ON THE OUTSIDE OF THE POCKET

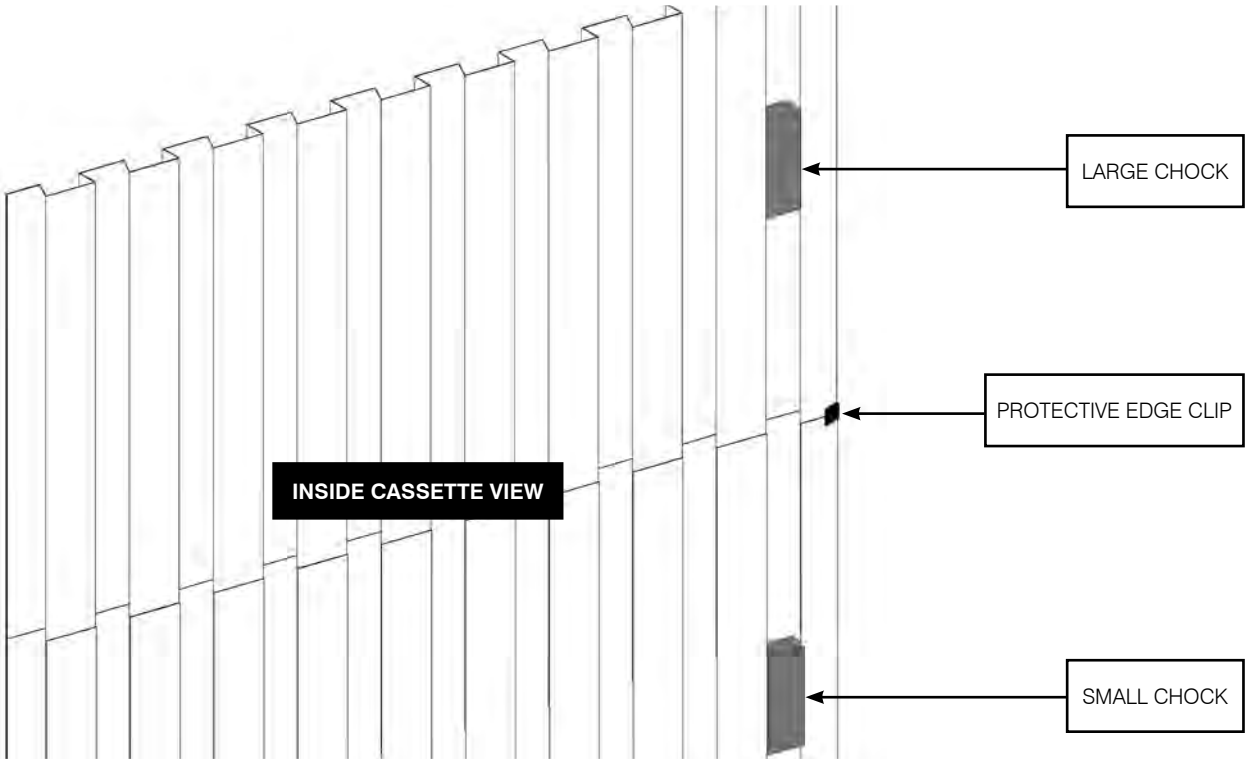


Ensure panels are level and then fix with screws.

1. Fix top 'Z' Section to plywood track mount with **'Screw Set C'.**

2. Fix bottom 'Z' section to sole plate with **'Screw Set A'.**

5. PANEL JOINING

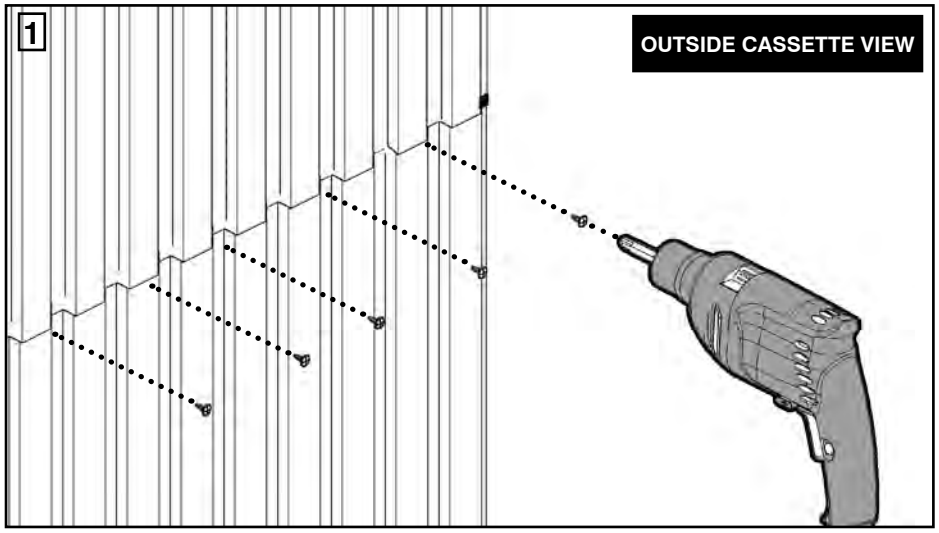


At the back of the pocket, place the protective edge clip onto the 'Z' section, covering where the panels join.

In the last 'Z' section slot towards the back of the inside pocket, push the large chock into the top 'Z' section and the two small chocks into the bottom 'Z' section.
This pushes the edge outwards so the door does not snag on it when closing.

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

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



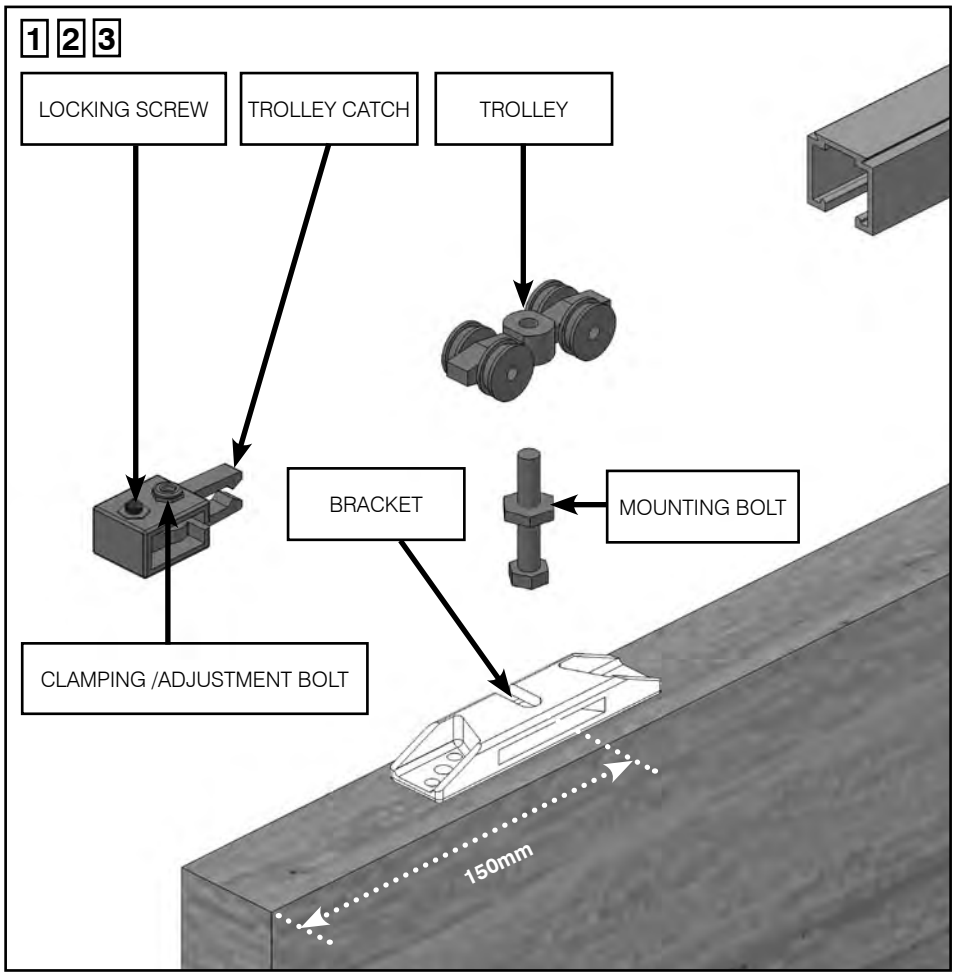
1. Screw through from outside to join panels together in five locations using **'Screw Set A'** (pilot holes not required).

ENSURE WHEN SCREWING THE TWO SHEETS THEY ARE STRAIGHT AND DO NOT BECOME BOWED AS THE SCREW PUSHES THROUGH

6. TROLLEY MOUNTING

PLEASE NOTE:

IF FITTING A SELF CLOSER OR DAMPER SYSTEM ON A DOOR BELOW 700MM WIDTH, ADJUST BRACKET CENTRES TO 120MM AWAY FROM THE DOOR EDGE



IF USING A TOUCH LATCH - DISCARD THE REAR TROLLEY CATCH

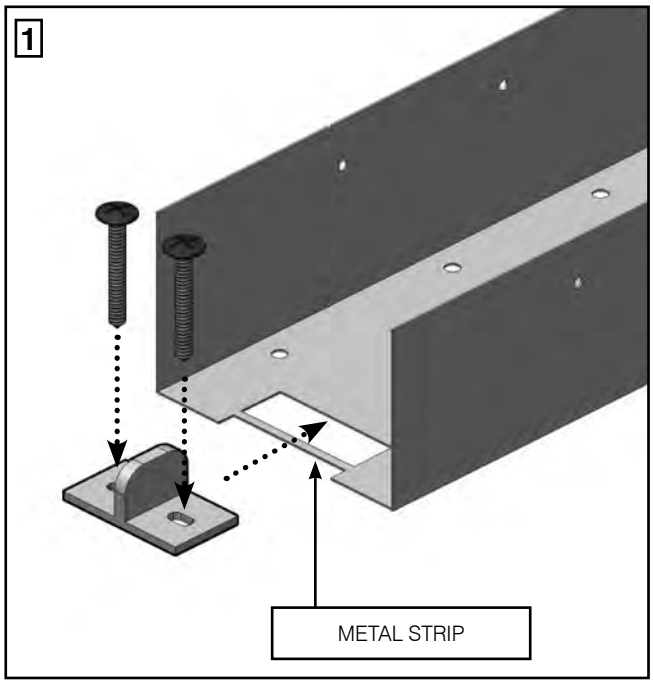
1. Fit the bracket centrally to the top edge of the door (fixings not included). Ensure the bracket centre is 150mm away from the door edge. Repeat the procedure for the other bracket.

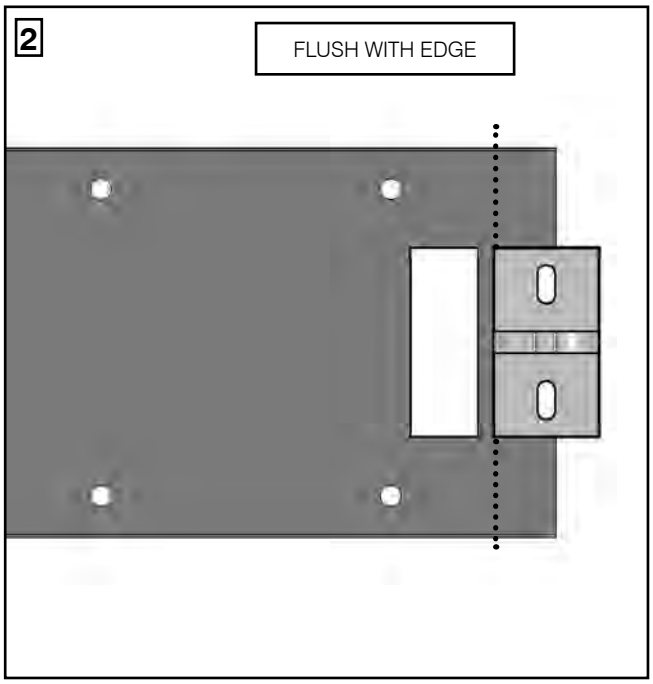
2. Screw the mounting bolts into the trollies. Ensure both bolts are screwed in the same amount on both trolleys to ensure the door is level and make adjustment easier.

3. Slide both assembled trollies into the top rail.

4. Slide both trolley catches into the track, one at the front and one at the back. Do not fix them in place until the door has been hung (This is explained in Stage 9 of the instructions)

7. DOOR GUIDE



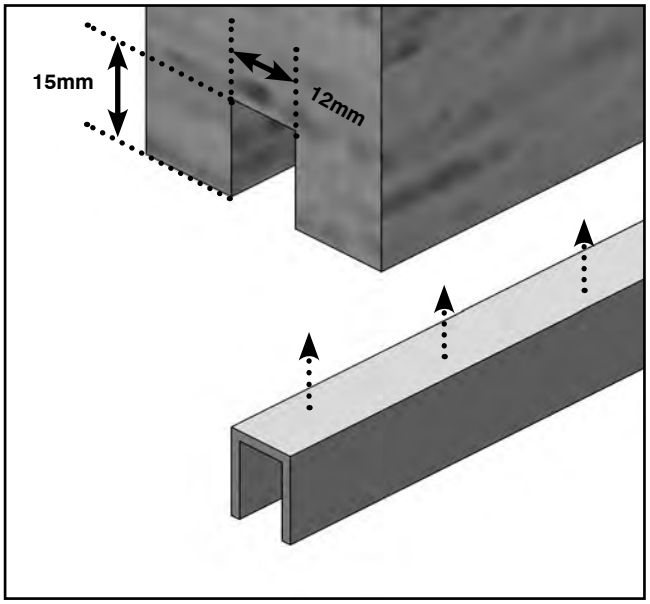


1. Fix the metal floor guide into the sole plate by inserting it into the pre-cut area.

2. Ensure it is flush against the metal strip and then scew fix firmly into the floor **(screws not included).**

   Discard the black plastic "T" guide found in the box as it is not needed.

8. BOTTOM DOOR GROOVE

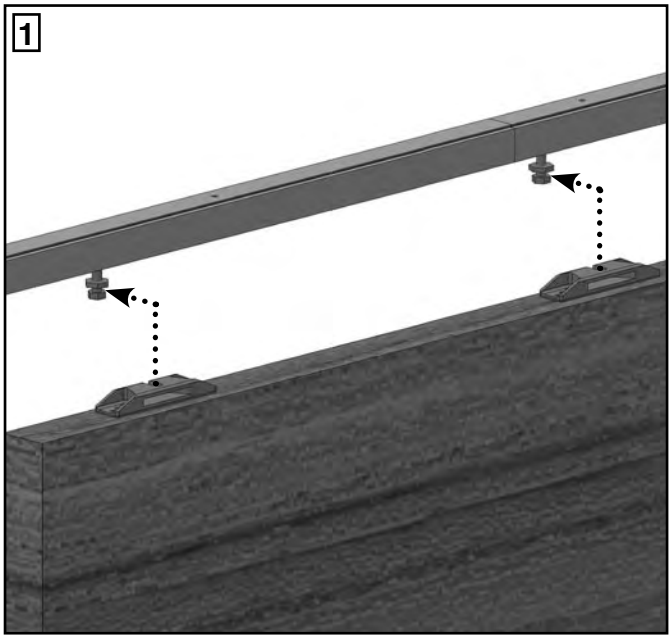


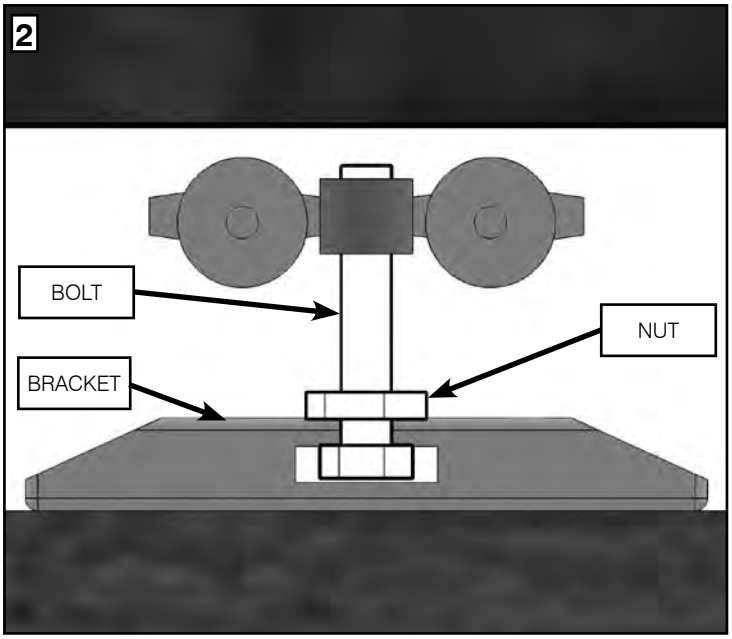
1. Cut a groove in the bottom face of the door to suit the plastic channel which the floor guide runs in.

   Ensure when cutting the groove it is centralised along the width of the door.

2. Bond or Pin the channel into the cut groove ensuring the metal floor guide can move freely within it.
   (fixings supplied)

9. DOOR HANGING





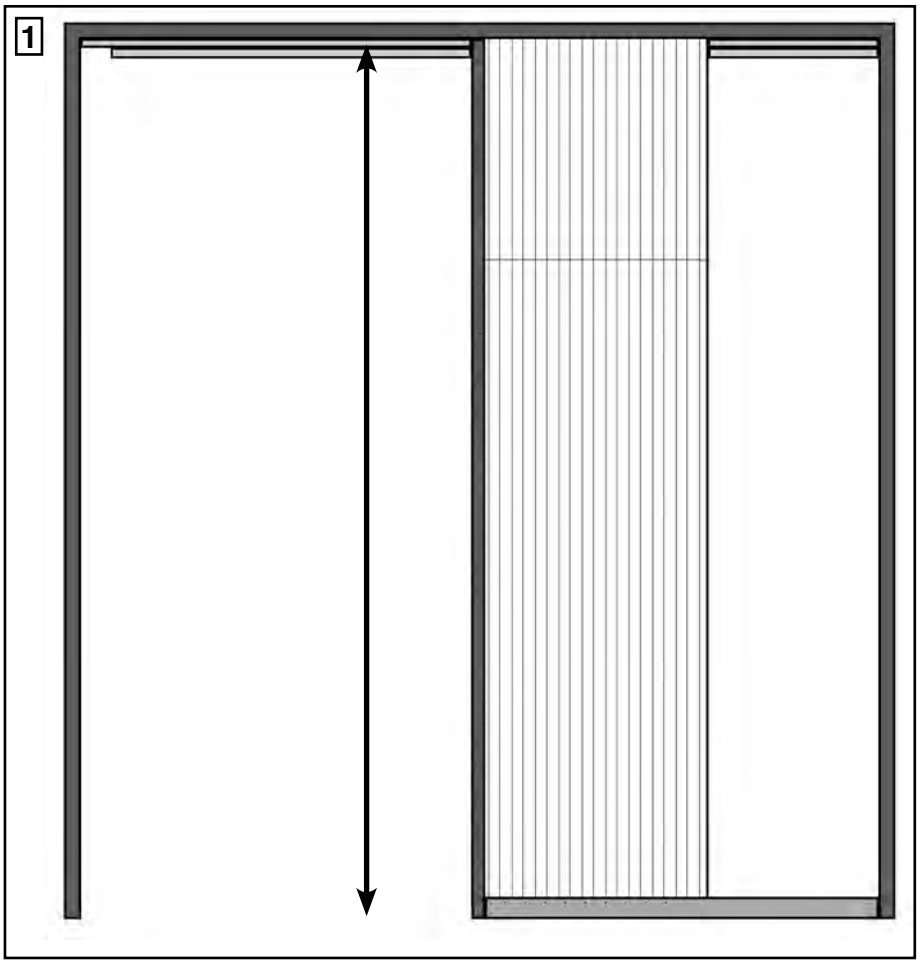
1. Hang the door by sliding the brackets onto the bolts, taking care not to damage the door on the floor guide.

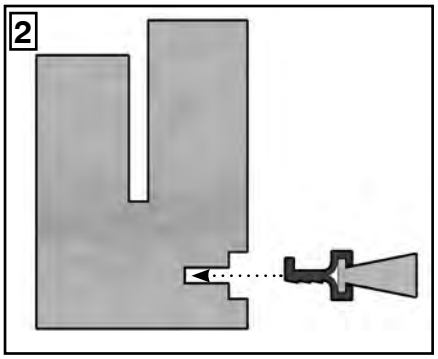
2. Tighten the top nuts onto the brackets to fix the trollies into place.

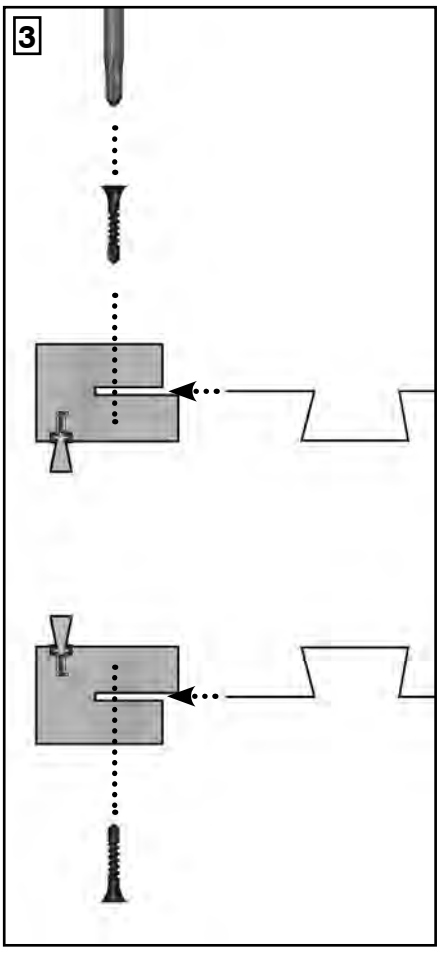
TEST TO SEE IF THE DOOR RUNS SMOOTHLY AND IS PLUMB

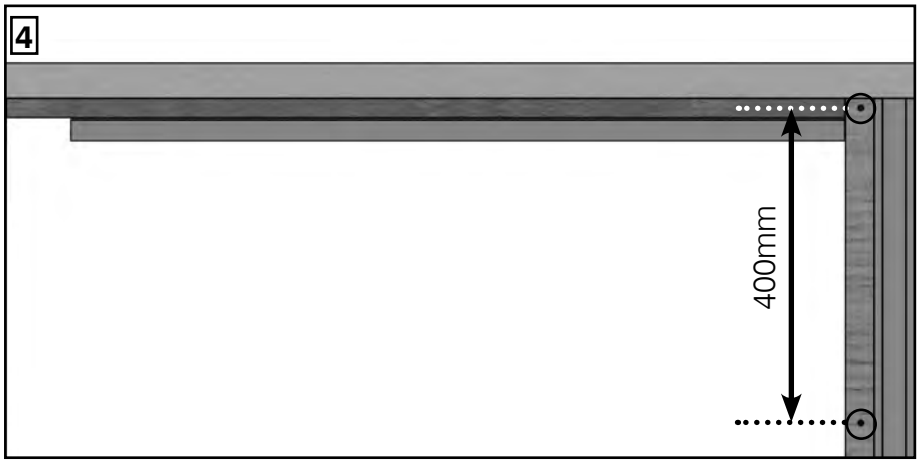
IF NOT, CORRECT BY ADJUSTING THE NUTS AND BOLTS

10. JAMB FITTING - CASSETTE JAMBS



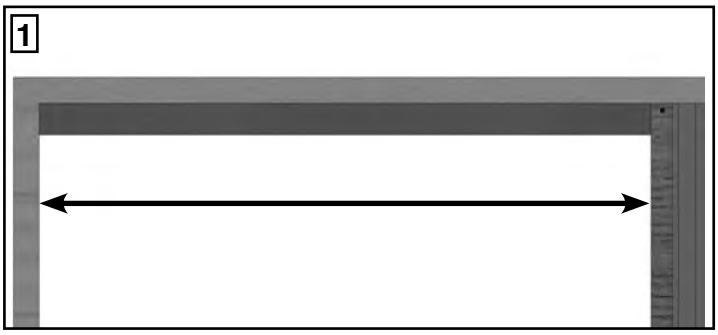


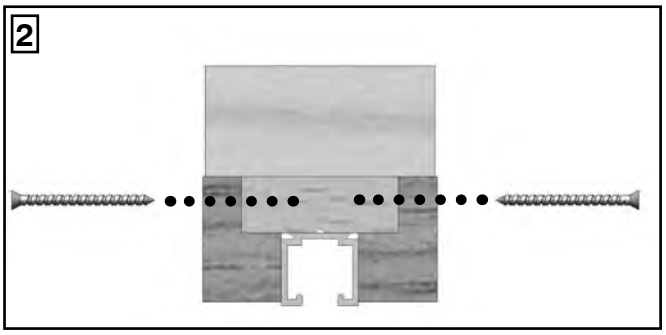




1. Cut the casseste jambs to the aperture height from floor to underside of stud.
2. Push fit the brush seals into both cassette jambs.
3. Press the jambs onto the edge of the ‘Z’ Sections and secure with ‘Screw Set C’.
4. Screw at the top and bottom and then approximately every 400mm.

11. ‘L’ SHAPED TRACK PACKERS



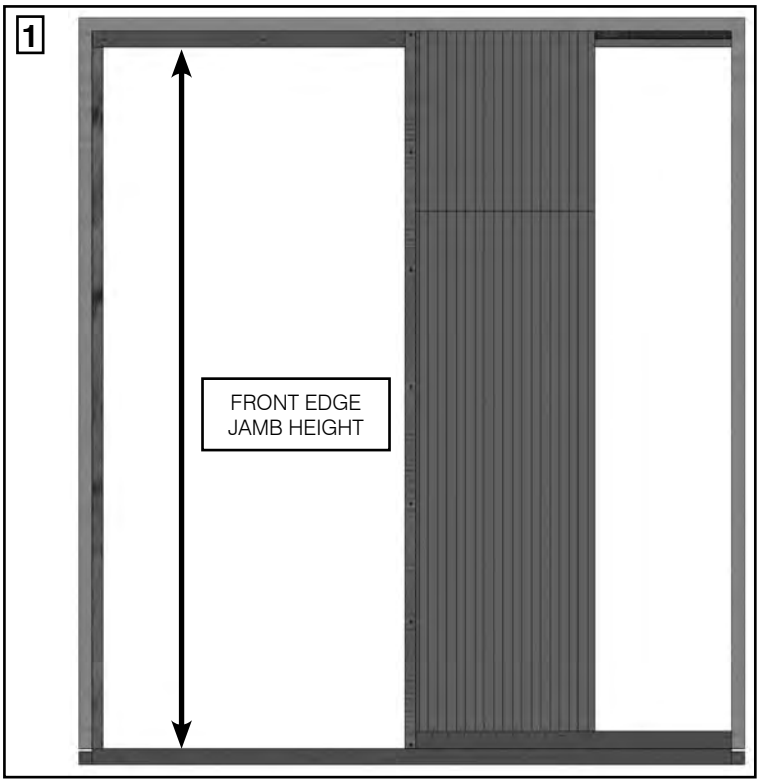


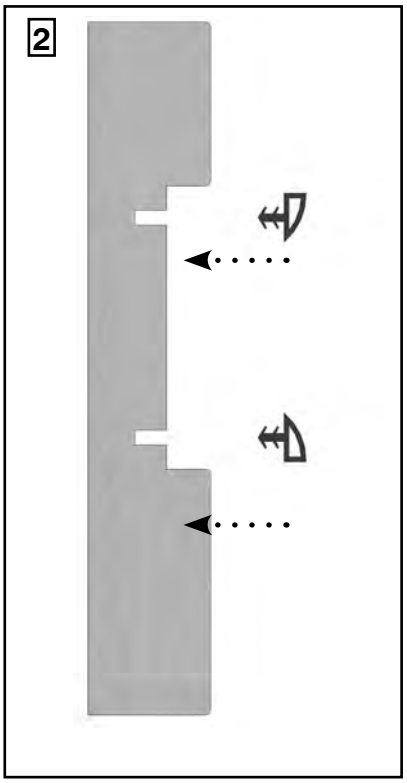
1. To cut the ‘L’ Shaped track packers, measure remaining door opening width.

2. To secure the ‘L’ shaped packers, first pilot and countersink a series of holes in their length. Screw surely through into the plywood track mount using **‘Screw Set E’**.

IF FITTING A SELF CLOSER PLEASE REFER TO FITTING INSTRUCTIONS BEFORE CUTTING AND FITTING TRACK PACKERS.

12. JAMB FITTING - FRONT EDGE JAMBS



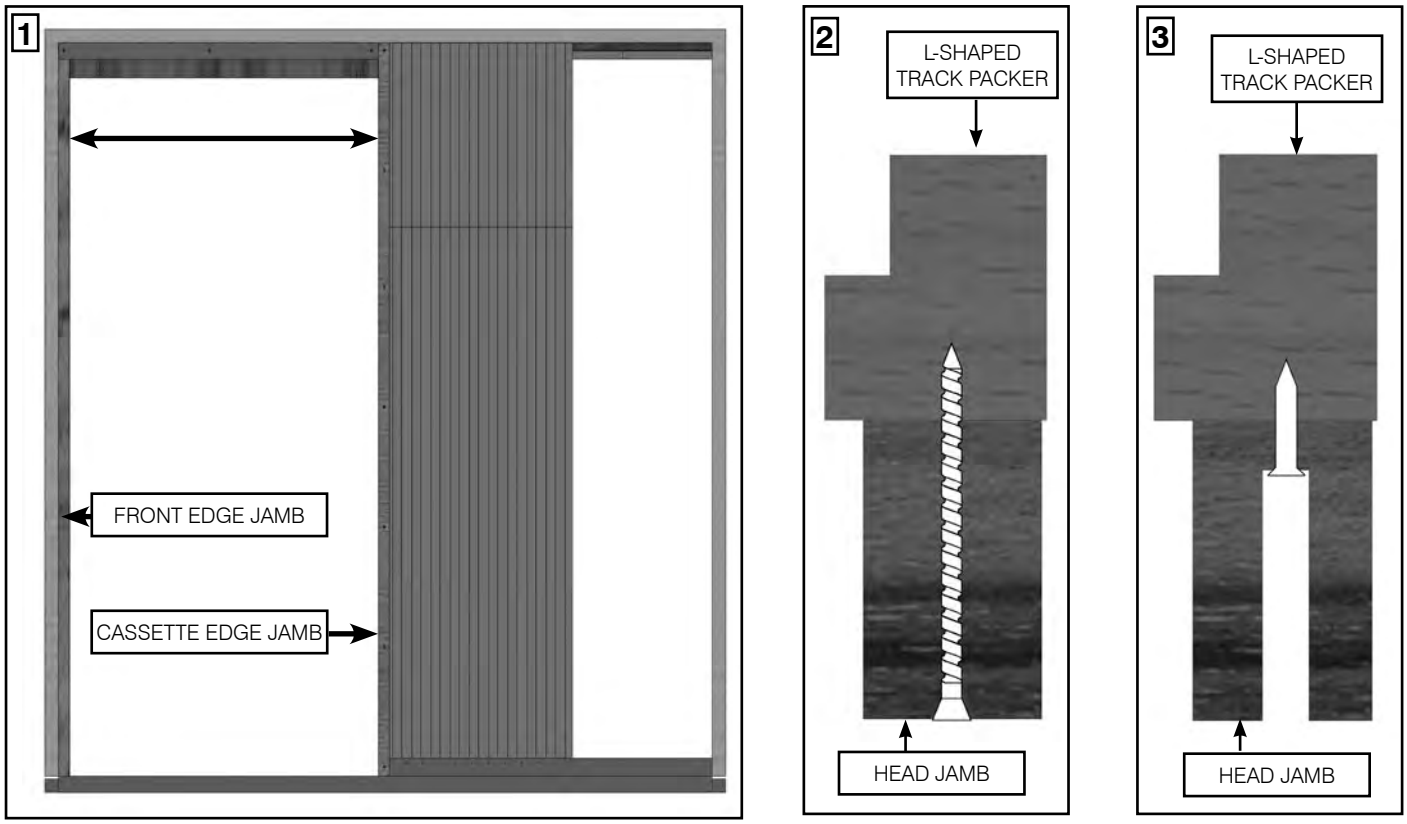


1. Using a sawing or cutting tool, cut the front edge jamb lengths to fit from the the floor to the underside of the ‘L’ Shaped Track Packers. Slide the door to its closed position to test fit. Secure to studwork with appropriate fixings.

2. Cut the rubber seals to the front edge jamb length and press into the pre-made grooves.

(FOR DOUBLE DOORS, DISCARD THIS STEP)

13. JAMB FITTING - HEAD JAMB



1. Cut the head jambs to fit between the front edge jamb and the cassette edge jamb.

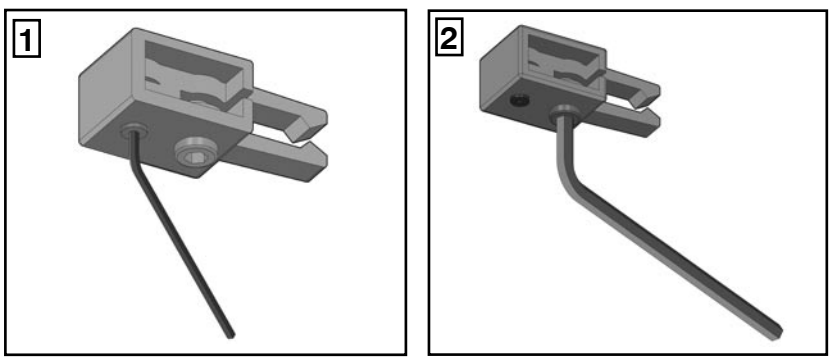
2. The head jambs can be secured to the L-Shaped Track packers in two ways. An 80mm woodscrew can be used to screw through the head jamb fixing into the L-Shaped Track Packer

   OR

3. The head jamb is counter-bored and a smaller screw fixes the head jamb to the L-Shaped Track Packer.

   Screws are not supplied

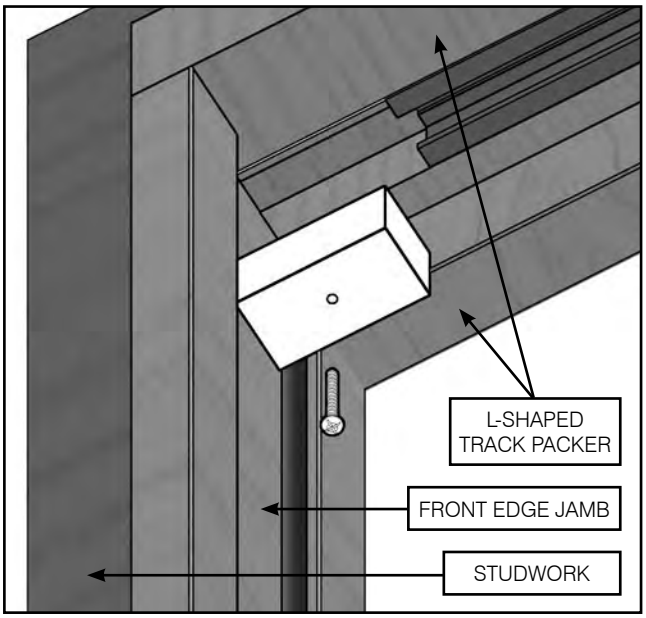
14. DOOR HANGING



1. Fix the trolley catches in required positions within the track by tightening the locking screw with an M3 allen key.

2. Adjust the clamping bolt to the desired tension to hold the trollies in palce using an M5 allen key.

15. END BLOCK



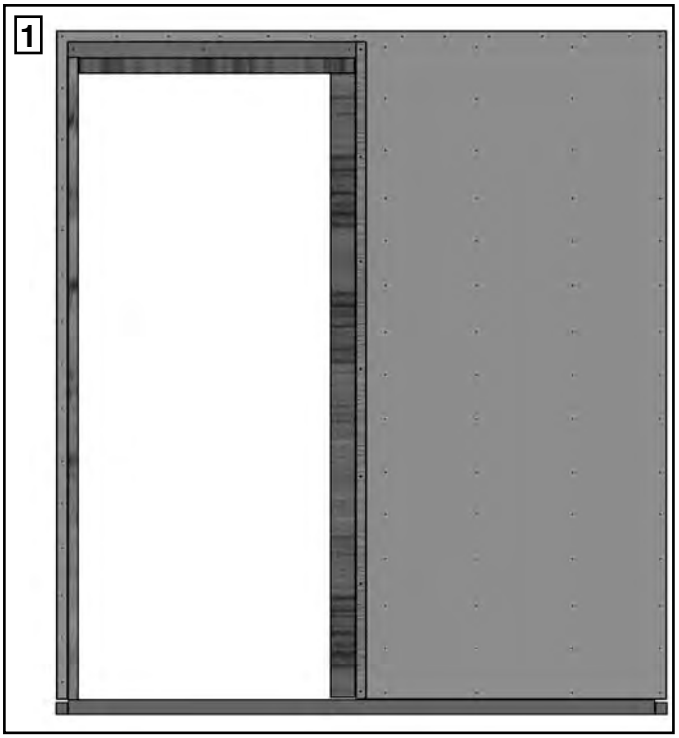
1. Pilot drill a hole in the wooden end block using a 2mm drill bit. Drill the hole in the centre of the block.

2. Using the newly made hole, with **'Screw Set D'**, screw into the 82mm spacing left between the aluminium track and the studwork. Make sure the end block is butted against the track.

   If used with a self-closer, ensure screw is counter-sunk.

   (FOR DOUBLE DOORS REPLACE END BLOCK IN CENTRAL SPACING.)

16. PLASTERBOARD



1. Clad the kit in 12.5mm of plasterboard. Ensure it butts up tight against the outside of all jambs.

   Screw the plasterboard into place through the wooden frame and plasterboard.

   Take care that any screws do not protrude into the pocket cavity.

   FIXINGS FOR THIS STAGE ARE NOT SUPPLIED