

# **CASPIAN CAVITY**

## **Installation Instructions**

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# Cavity Part Configuration

① **Cavity Cage**

② **Track + Headboard**

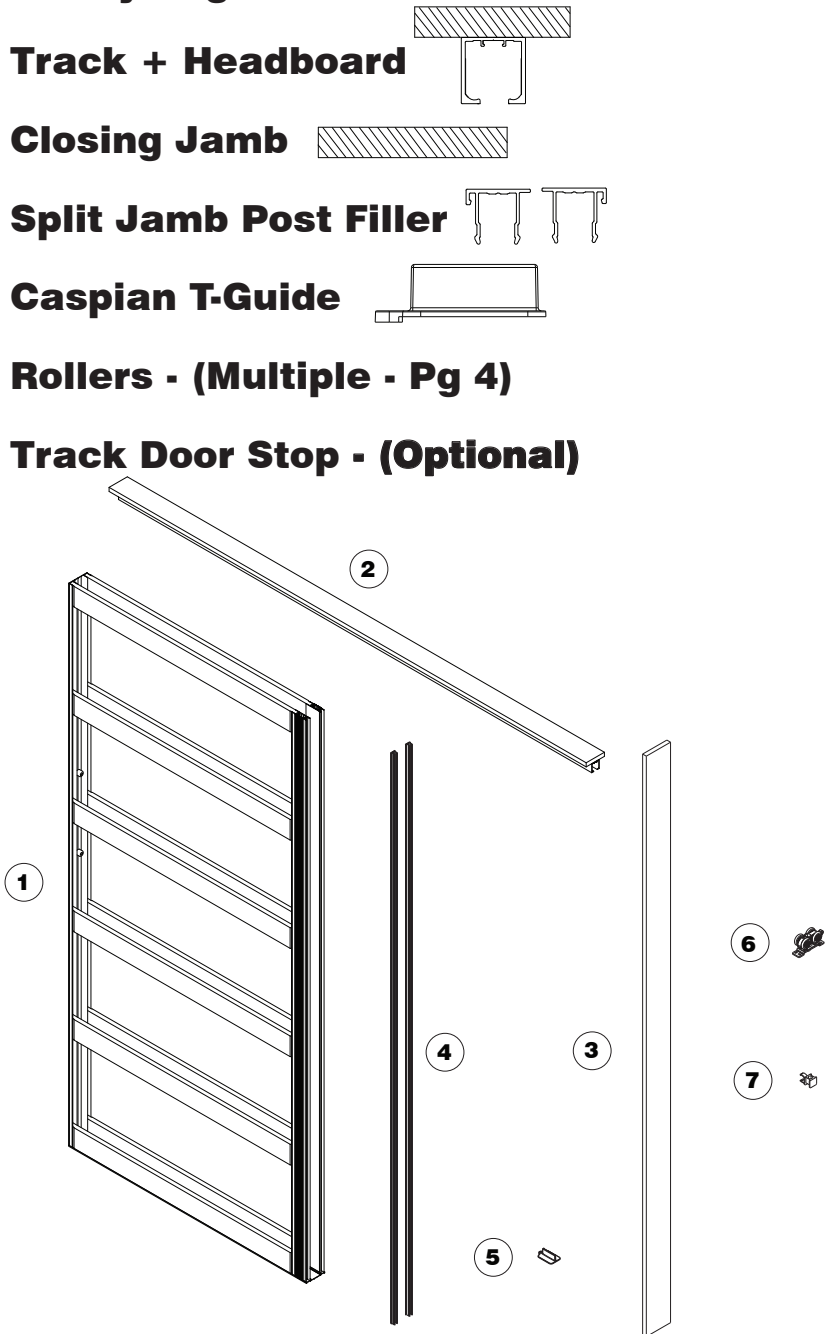
③ **Closing Jamb**

④ **Split Jamb Post Filler**

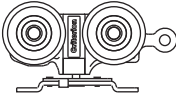



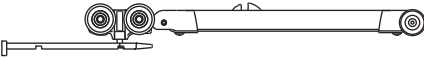
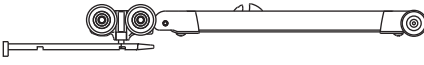
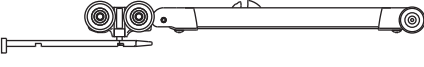
⑤ **Caspian T-Guide**

⑥ **Rollers - (Multiple - Pg 4)**

⑦ **Track Door Stop - (Optional)**



# Roller Options

SECTION	DESCRIPTION
	817020A - Arctic Revolution Standard Plate Roller
	817022A - Arctic Revolution Low Clearance Roller
	817024A - Arctic Revolution 80kg Soft Close Standard Plate Roller
	817025A - Arctic Revolution 40kg Soft Close Standard Plate Roller
	817026A - Arctic Revolution 80kg Soft Close Low Clearance Roller
	817027A - Arctic Revolution 40kg Soft Close Low Clearance Roller
	817028A - Arctic Revolution 120kg Soft Close Low Clearance Roller

## Step 1 - Unpack + Check

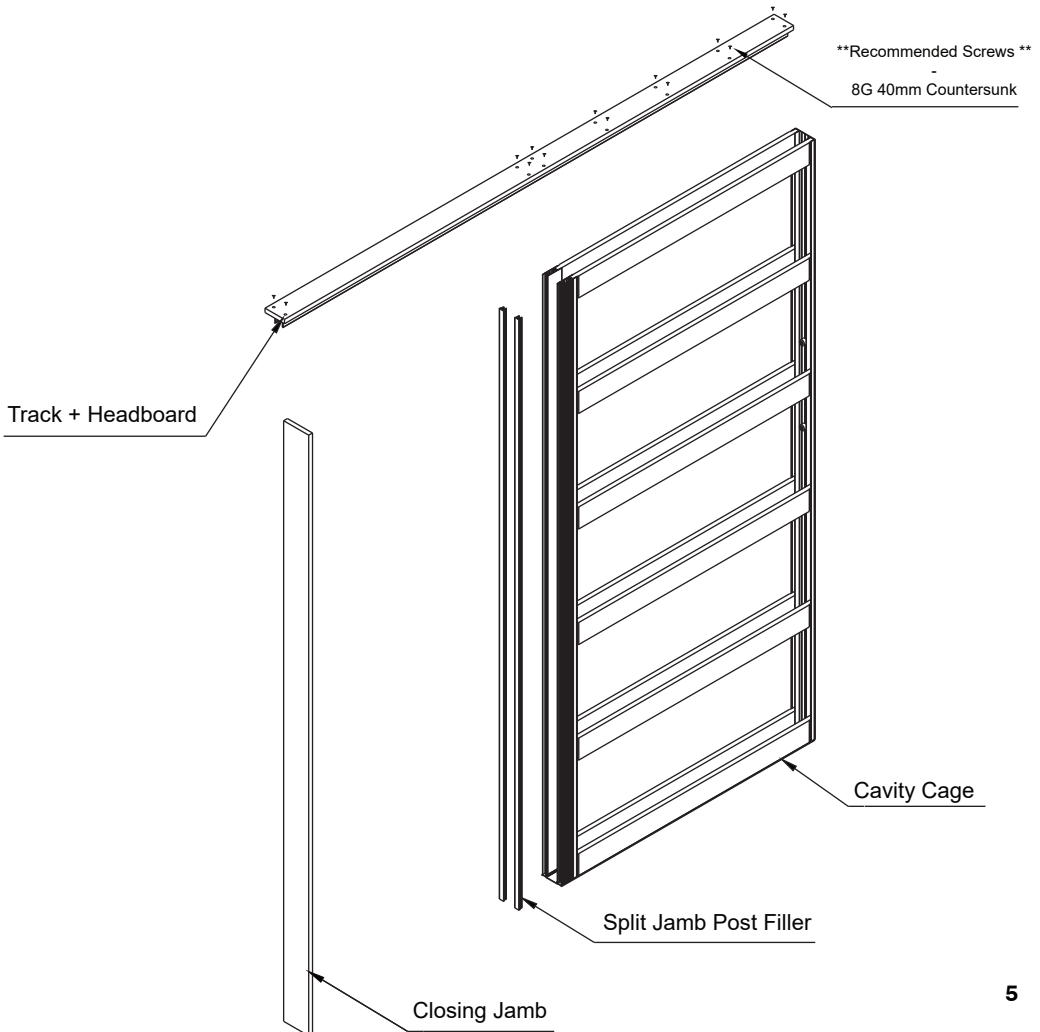
Ensure that all contents are correct and in good condition. Check Corresponding size of Cavity on Sales Order to ensure correct size has been ordered.

## Step 2 - Prepare Stud Opening

Refer to stud opening dimensions (at rear of Instructions) prepare stud opening to suit required cavity size ensuring the floor space in the stud opening is level - pack if required.

## Step 3 - Assemble Cavity Frame

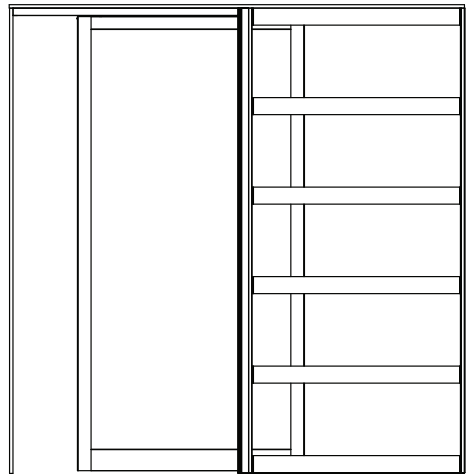
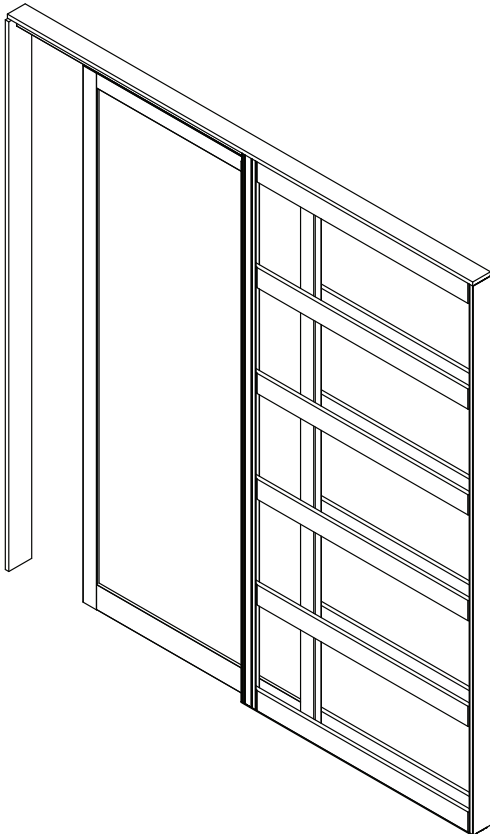
Secure the overhead track assembly to the top of the cavity pocket and fix closing jamb



## Step 4 - Install Cavity Frame

- a) Place Cavity pocket into stud opening and ensure that it is square, plumb and level. If necessary pack between stud rear post + closing jamb.
- b) Fix off to studwork and floor.
- c) Align and fasten track to member above ensuring track is level and fixings are adequate for door weight. Ensure track is clean and free from any debris.
- d) Insert T-Guide into base track and screw into place.

\*note: Ensure screws are flush to prevent interference with soft close trigger.



\*\*note: All Closing Jamb are over length, ensure to cut jamb to size.

## Step 5 - Prepare + Fit Door

- a) Arctic Standard Roller
- b) Arctic Low Clearance Roller
- c) Arctic Soft Close Roller

### Step 5a - Arctic Standard Roller

Door Height = Opening to underside of track - 19mm (+/- 4mm)

Screw door mount brackets to top of door ensuring brackets are centred.

Insert Rollers + Track stops into track and slide roughly into position.

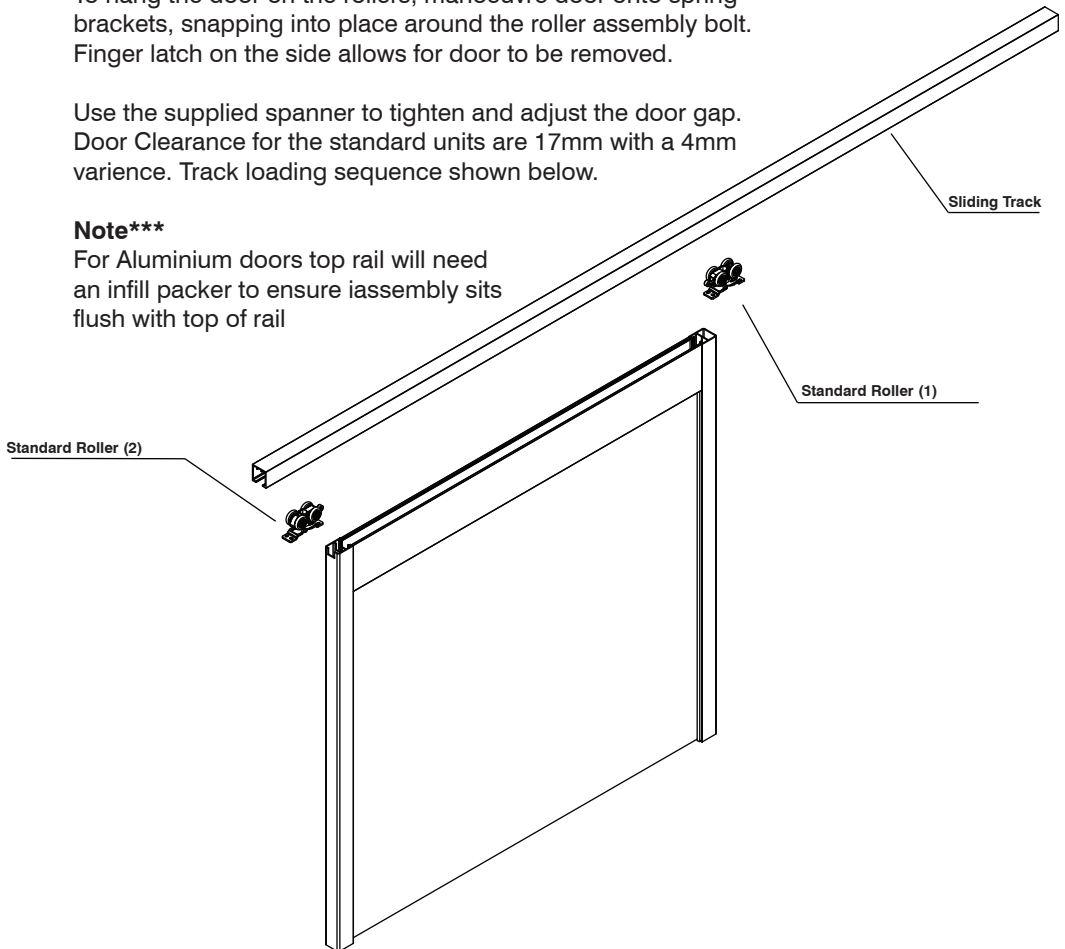
To hang the door on the rollers, manoeuvre door onto spring brackets, snapping into place around the roller assembly bolt.

Finger latch on the side allows for door to be removed.

Use the supplied spanner to tighten and adjust the door gap. Door Clearance for the standard units are 17mm with a 4mm variance. Track loading sequence shown below.

#### Note\*\*\*

For Aluminium doors top rail will need an infill packer to ensure iassembly sits flush with top of rail



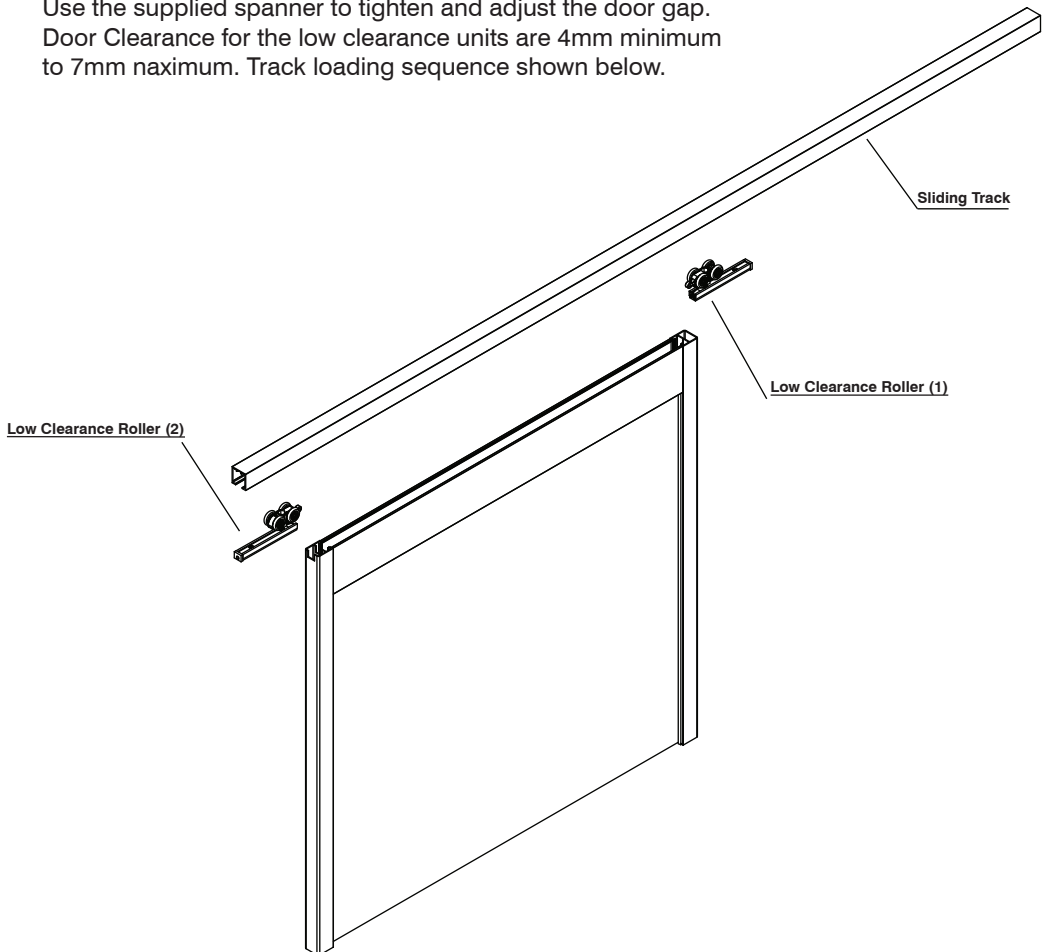
## Step 5b - Arctic Low Clearance Roller

Door Height = Opening to underside of track - 14mm

Screw low clearance sleeve into 19mm wide x 15mm deep trench into the top of door 5.5mm in from door edge ensuring fixing penetrates door structure.

Insert Rollers + Track stops into track and slide roughly into position.  
To hang the door slide spear plate (with roller mechanism attached) into sleeve.  
Screw spear plate into sleeve.

Use the supplied spanner to tighten and adjust the door gap.  
Door Clearance for the low clearance units are 4mm minimum to 7mm maximum. Track loading sequence shown below.





# Step 5c - Arctic Soft Close Roller

## Low Clearance Roller:

Door Height: Opening to underside of track - 14mm

- Screw low clearance sleeve into 19mm wide x 15mm deep trench, 5.5mm from the door edge, ensuring it penetrates the door structure.
- Insert Rollers, Track Stops, and Soft Close Trigger into the track, slide into position.
- Hang the door by sliding the spear plate (with roller mechanism) into the sleeve and screw it in place.
- Use the provided spanner to adjust the door gap (4mm minimum to 7mm maximum).

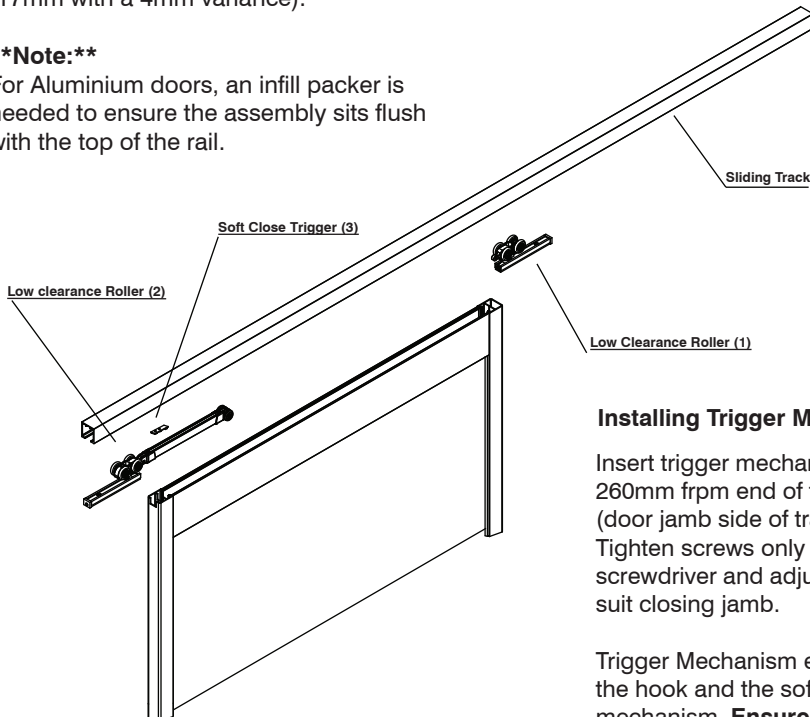
## Standard Roller:

Door Height: Opening to underside of track - 19mm (+/- 4mm)

- Screw door mount brackets to the top of the door, ensuring they are centred.
- Insert Rollers, Track Stops, and Soft Close Trigger into the track, slide into position.
- Hang the door by manoeuvring it onto spring brackets, snapping it around the roller assembly bolt. A finger latch allows for easy removal.
- Use the provided spanner to adjust the door gap (17mm with a 4mm variance).

### **\*\*Note:\*\***

For Aluminium doors, an infill packer is needed to ensure the assembly sits flush with the top of the rail.



## Installing Trigger Mechanism

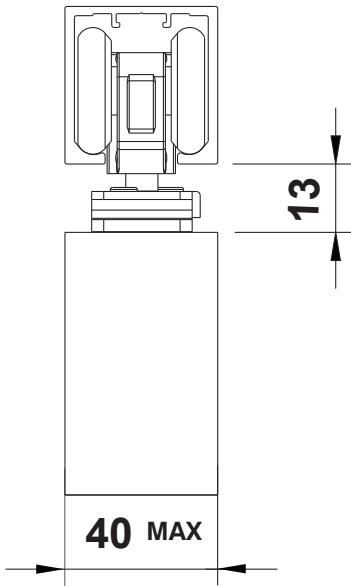
Insert trigger mechanism (4) 260mm from end of track (door jamb side of track). Tighten screws only with a screwdriver and adjust to suit closing jamb.

Trigger Mechanism engages the hook and the soft close mechanism. **Ensure the hook is in tensioned position before loading into track**

# Step 6 - Setting Up Door Clearance

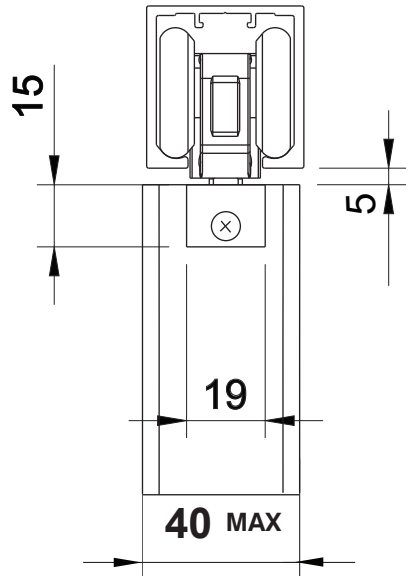
## Max Door Thickness - 40mm

Standard Quick Fix Roller



13mm minimum clearance /  
21mm maximum Clearance

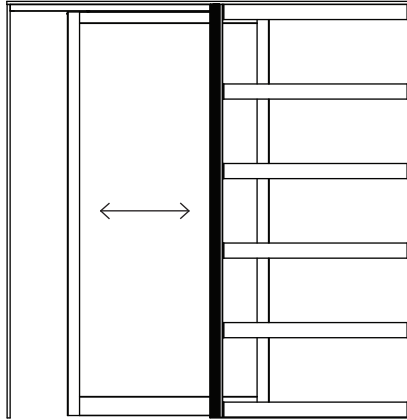
Low Clearance Roller



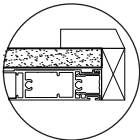
5mm minimum clearance /  
7mm maximum Clearance

# Step 7 - Check Door Operation

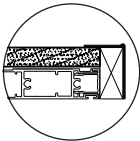
Once doors are installed, adjust door stops and soft close trigger (if required) to appropriate position. Operate door in and out of cavity pocket to ensure door operates correctly. Install pelmets if required.



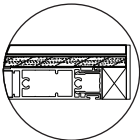
# Step 8 - Finishing



**Timber Architrave**

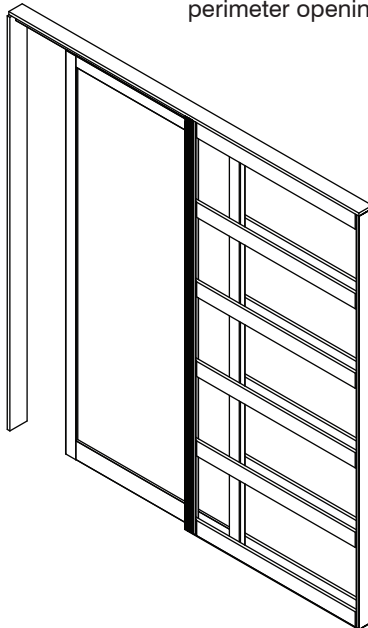


**Steel Edge Reveal**



**Tile Trim**

Once walls are claded, fit selected trims to perimeter opening of cavity pocket.

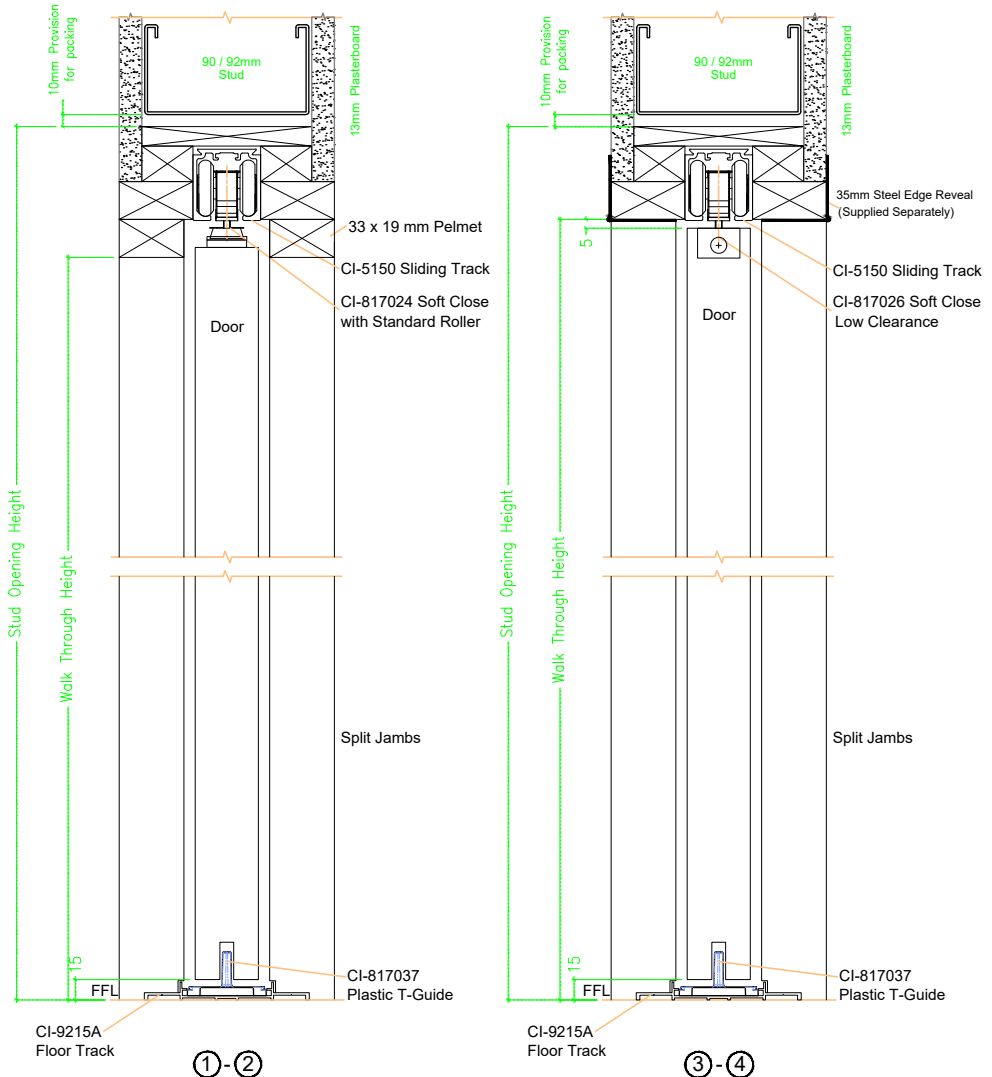


### Elevation Details - Timber Doors

Assembly -  $\frac{1}{3}$  Full Size

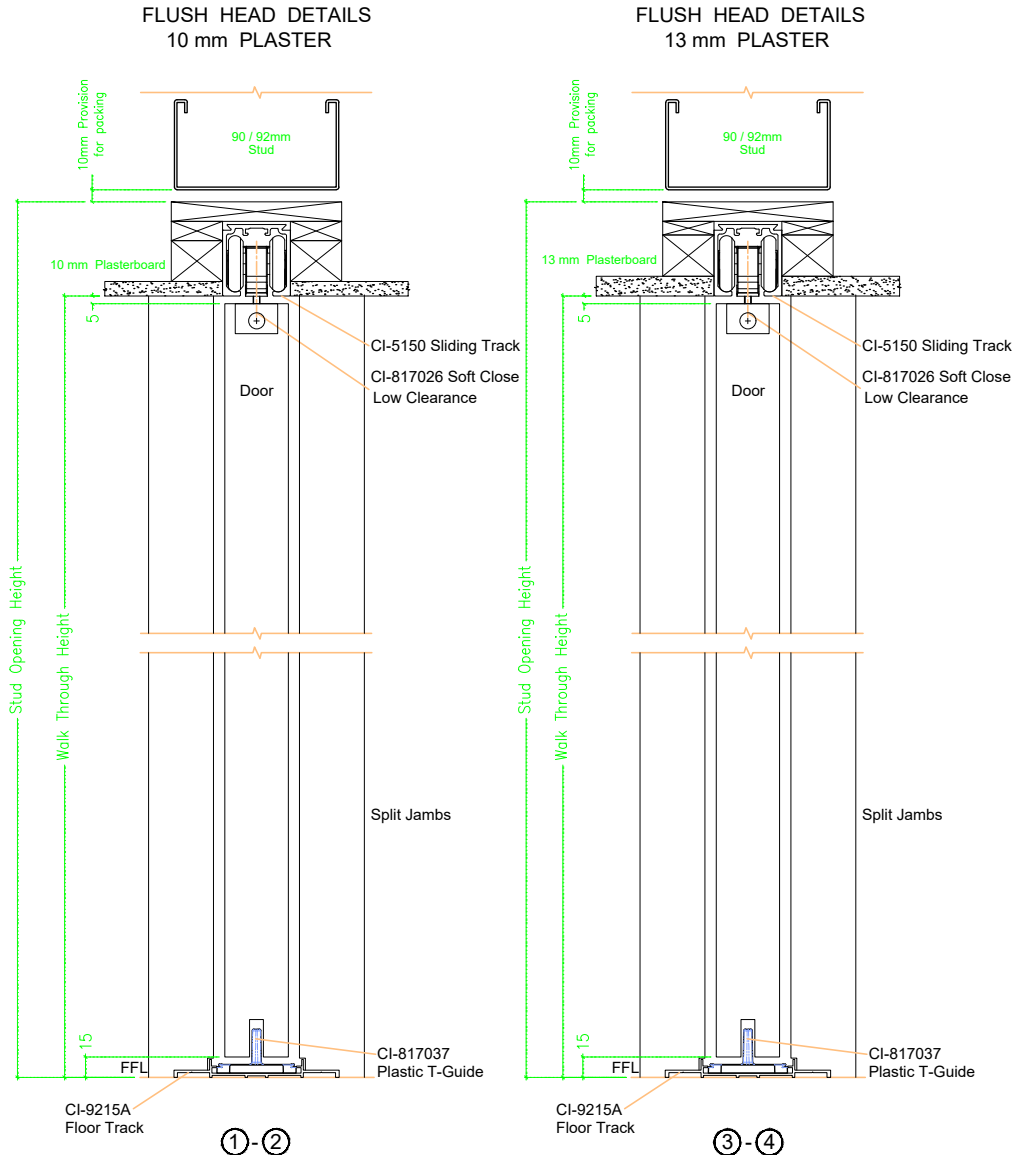
#### PELMET DETAILS

#### BULKHEAD DETAILS



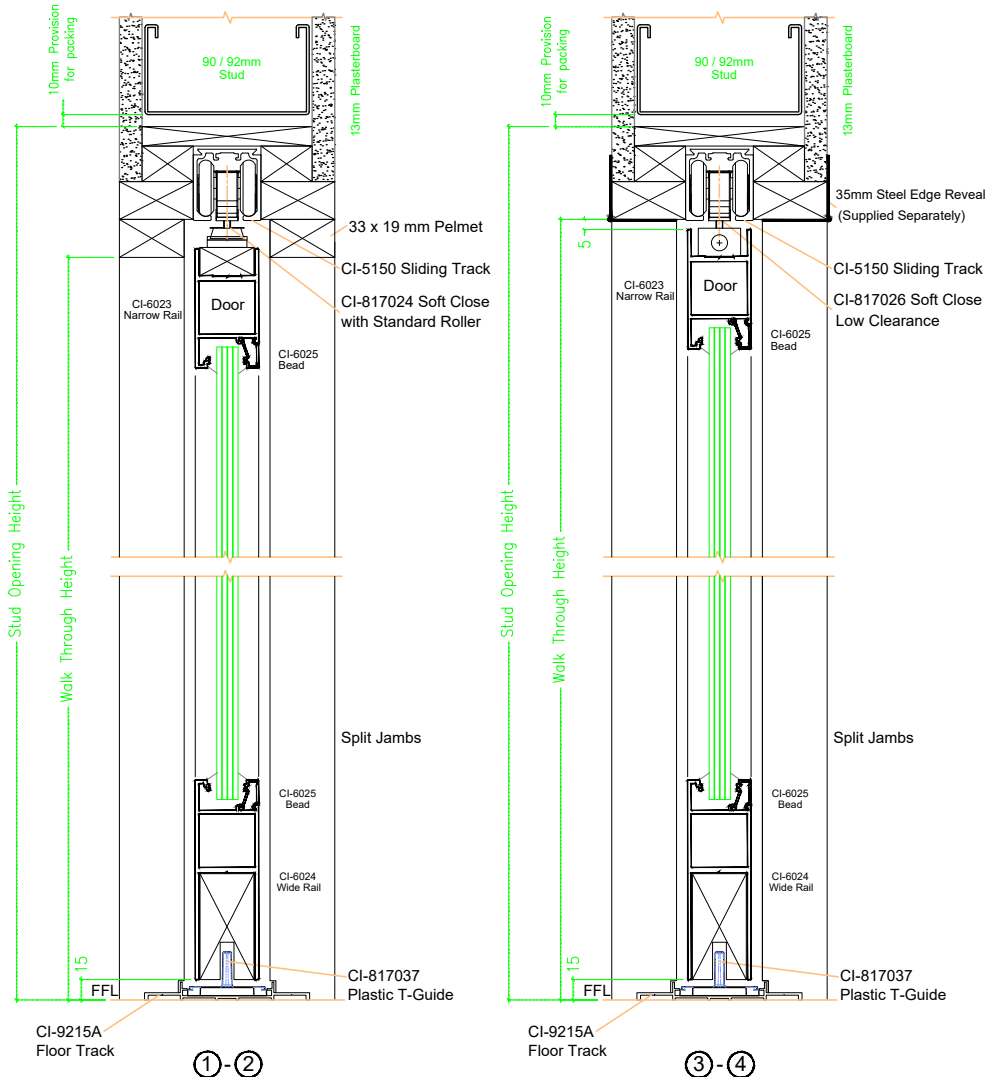
### Elevation Details - Timber Doors

Assembly -  $\frac{1}{3}$  Full Size



#### PELMET DETAILS

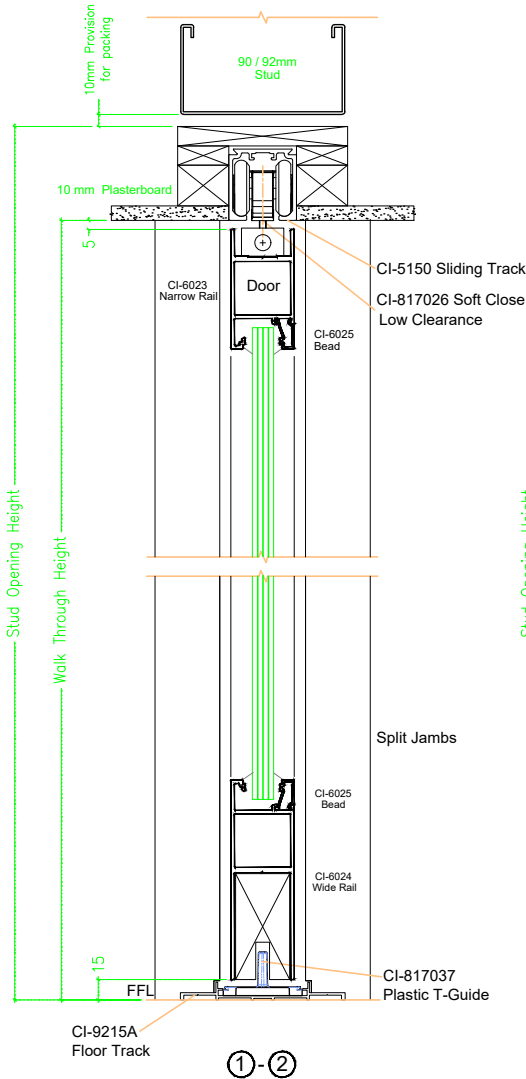
#### BULKHEAD DETAILS



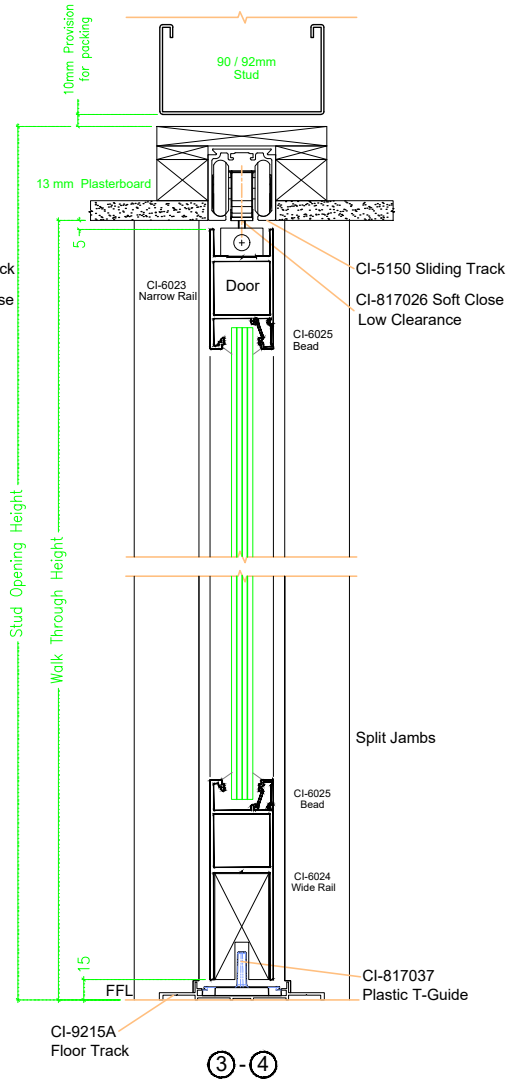
### Elevation Details - Aluminium Doors

Assembly -  $\frac{1}{3}$  Full Size

FLUSH HEAD DETAILS  
10 mm PLASTER

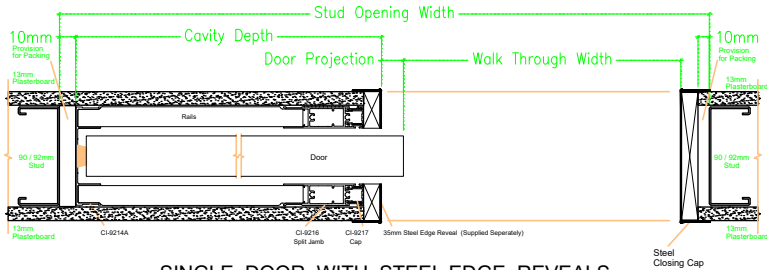


FLUSH HEAD DETAILS  
13 mm PLASTER

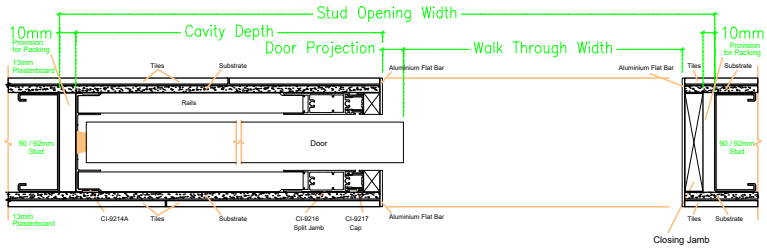


## Plan Details - Single Door

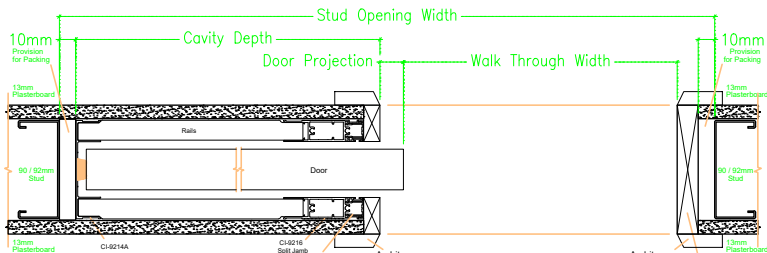
Assembly -  $\frac{1}{3}$  Full Size



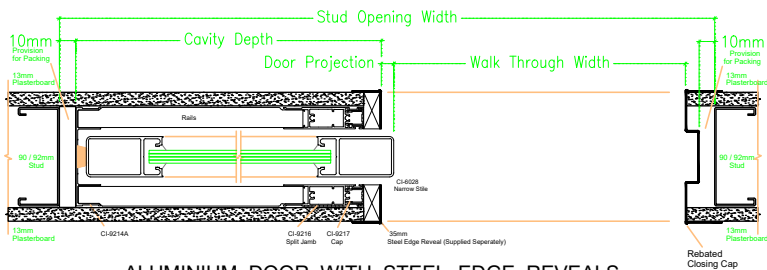
**SINGLE DOOR WITH STEEL EDGE REVEALS  
SUPPLIED SEPERATELY**



**SINGLE DOOR WITH TILE**



**SINGLE DOOR WITH TIMBER ARCHITRAVES**



**ALUMINIUM DOOR WITH STEEL EDGE REVEALS**





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\*\*\*To ensure product performance and maintain warranty coverage, it is imperative to strictly adhere to the manufacturer's provided installation instructions.\*\*\*