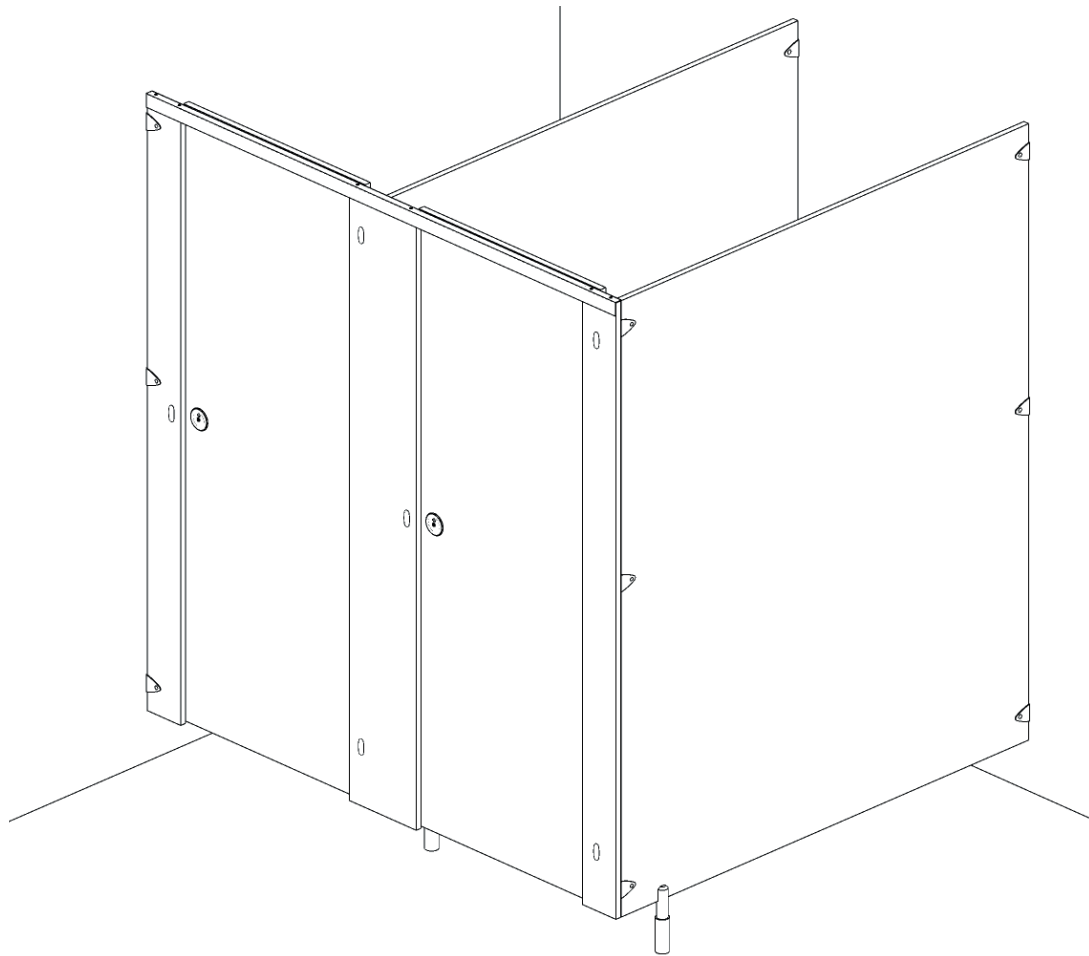

ASPIRE

WASHROOM CUBICLE FITTING INSTRUCTIONS



**MFC &
SGL**

RECOMMENDATIONS

MACHINING

Use tungsten carbide tipped blades/cutters or metal cutting tools.

CUTTING

For a clean cut, use carbide tipped saw blades with trapezoidal & as many teeth as possible or jigsaw with metal cutting blade.

- Alternating teeth may be suitable, but the cut will not be as clean.
- For best results, use horizontally fixed saws.

PRECISION CUTTING

- A clean edge without flaking can be obtained.
- For best quality cut:
 1. Saw the panel slightly oversize
 2. Re-cut edge to precise measurement using a tungsten carbide tipped router cutter of required profile at 18,000 to 22,000 rpm.

GROOVING

- SGL can be grooved; use a saw blade or router cutter with tungsten carbide tips.
- Groove depth must not exceed 1/3 of SGL thickness.

DRILLING

- For best results use carbide bits with 3 prongs (helicoïdal bits) in preference to high-speed steel drills.
- Holes can be drilled through part or whole of thickness
- For stopped holes, minimum thickness of 1.5mm to 2mm of laminate must remain (maximum depth of hole = 11mm). Minimum of 1mm space must remain between tenon, screw tip or insert & bottom of hole (otherwise, risk of laminate cracking when fitting)

- Pilot hole diameters for screw fixing to SGL to be 0.5mm less than diameter of screw. Generally; • No 6 screw- 3.5mm
- No 8 screw- 4mm
- No 10 screw- 4.5mm
- No 12 screw- 5mm
- ALL pilot hole diameters should be screw tested before finalising.

CUT-OUTS

Square cut-outs

Drill four corners (at least a 10mm diameter hole), start from one of the holes, use a jigsaw with metal cutting blade, cut the holes & square into the corners. Finish with metal file (semi-soft), ensure all sharp arrises are removed to avoid injury.

Oval or circular cut-outs

E.g. cutting a basin hole into a vanity top. Drill one 10mm diameter hole, start from the hole, cut according to template, use a jigsaw with metal cutting blade. Finish with metal file (semi-soft), ensure all sharp arrises are removed to avoid injury.

RESIZING & RE-EDGING PREVIOUSLY FINISHED PANELS

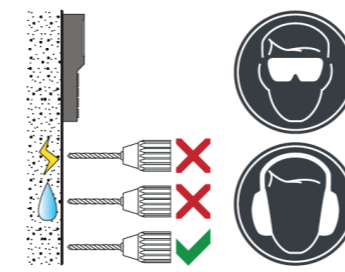
- We recommend the panel is cut as previously described, trim to size using a 'TREND' sunk bead router cutter running at 18,000 to 22,000 rpm, finish with 300 grit sand paper.
- Polish as described below.

FINISHED EDGES

- To eliminate machine-cutting imperfections at edges, sand with 300 grit sand paper to fine finish.
- To obtain darker edges, rub edge with cloth soaked in linseed oil or wax. Leave to dry for 30 minutes & wipe off.
- Sharp edges must be smoothed to avoid injury.

INTRODUCTION

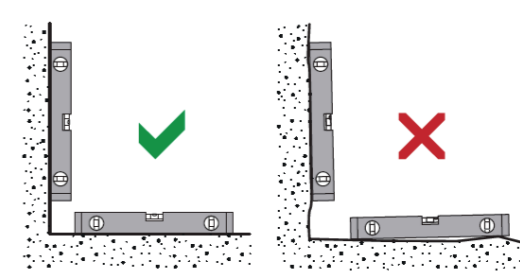
SAFETY



PANEL STORAGE & CONDITIONING

- To ensure panels and doors remain flat ambient site conditions must be stable prior to delivery. Variable temperature and humidity can cause panels to bow and twist irreversibly.
- Before, during and after installation, temperature and humidity must be maintained between 18- 25°C.
- Panels should not be stored outside or in areas where they may be exposed to water or humidity.
- Wet trades and forced-drying procedures should be complete and the building fully dried out.
- Use supports and spacers to elevate panels off the floor and keep space between panels; air must be able to circulate around each panel evenly.
- The ideal base is a slatted pallet with base board; however, if these are not available, panels should be carefully stacked on bearers suitably spaced to maintain flatness. Spacing of bearers should not exceed 400mm.
- Avoid storage conditions where extremes of temperature and humidity can occur.
- Panels must be allowed to equalise to levels approximating to those that will prevail during building use.
- BS EN438 recommendations should be adhered to:
Temperature – 18 to 25°C
Air humidity – 40 to 60%
BS 4965 Flatness: Flatness to BS 4965 can only be guaranteed at the time of delivery.

PREREQUISITES



SECURE FIXING

It is vital that the structural integrity of walls, ceilings and floors is capable of taking the dynamic and static loads imposed by the fixings to support the product. Insufficient structural integrity will invalidate guarantees and cause product instability.

The surfaces being fixed into should be firm and stable, without deflection and have good fixing retention properties over the length and width of the bearing surface.

Particular care should be taken with studwork walls and suspended ceilings which will usually require the inclusion of a patrix to sufficiently strengthen the structure.

Poor security of fixings will compromise performance and could lead to failure of the product. Screws and Fixings supplied to fix components to the floor or wall structural material should be tested to ensure they are suited and have sufficient holding power to accept the static and dynamic loads required to support our products. Due to the multitude of floor and wall constructions, it should not be assumed that the fixings supplied are suitable for all installations. If you are uncertain contact your local specialist fastening supplier.

Do NOT overtighten fasteners, if using power drivers make sure that the torque settings are correct.

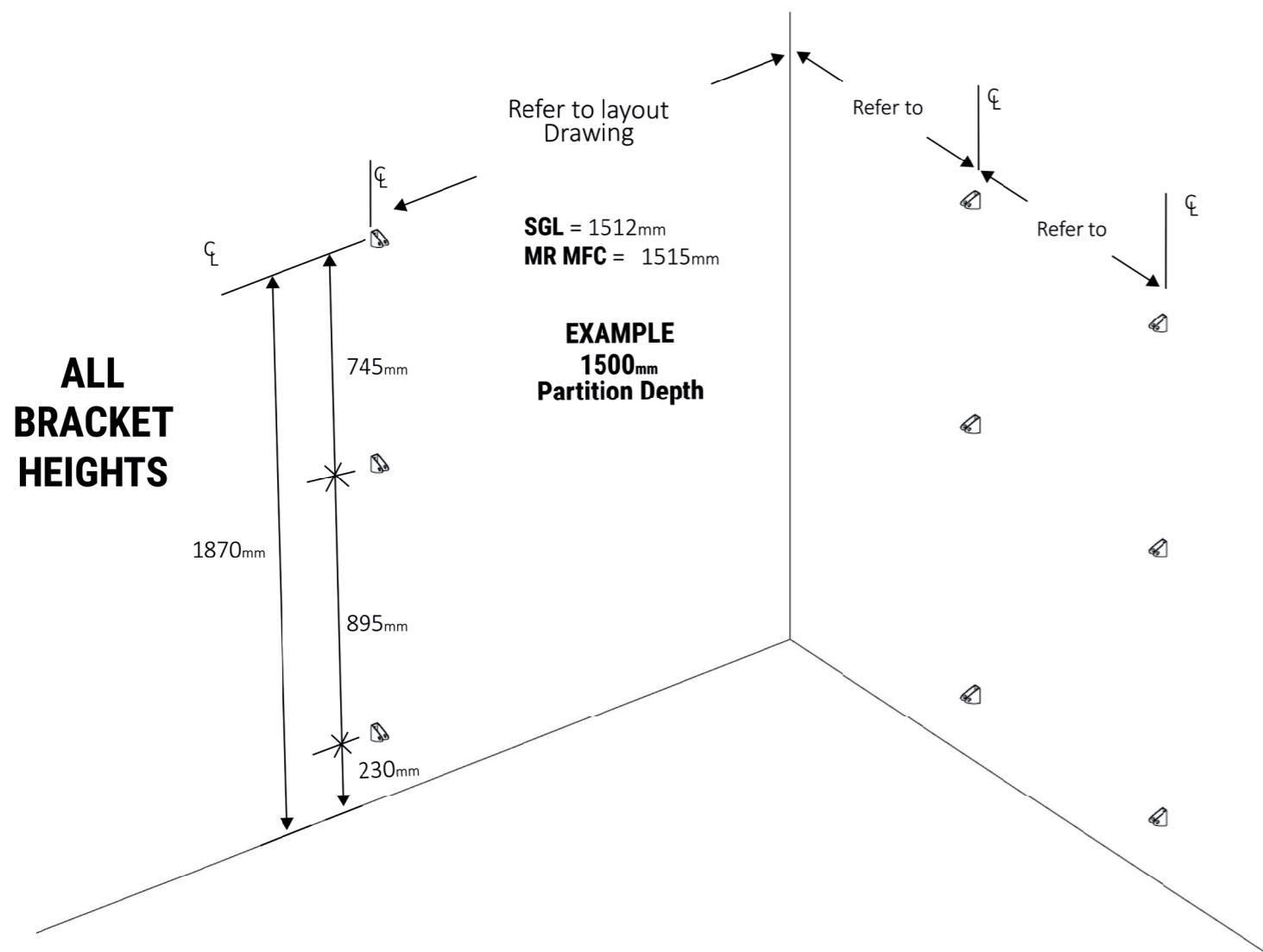
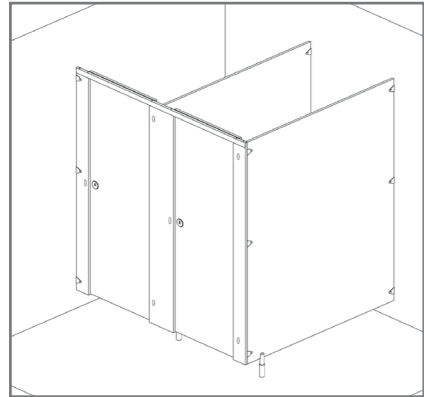
CLEANING & MAINTENANCE

Please consult our cleaning & maintenance guide.



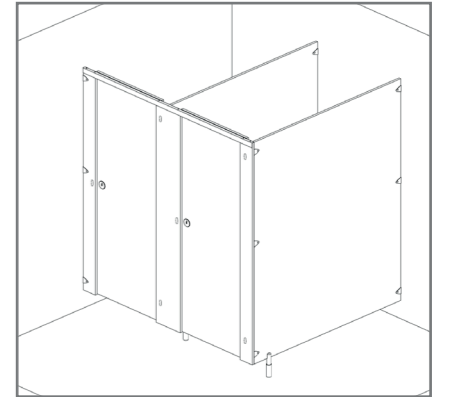
LAYOUT & LEVELLING

01

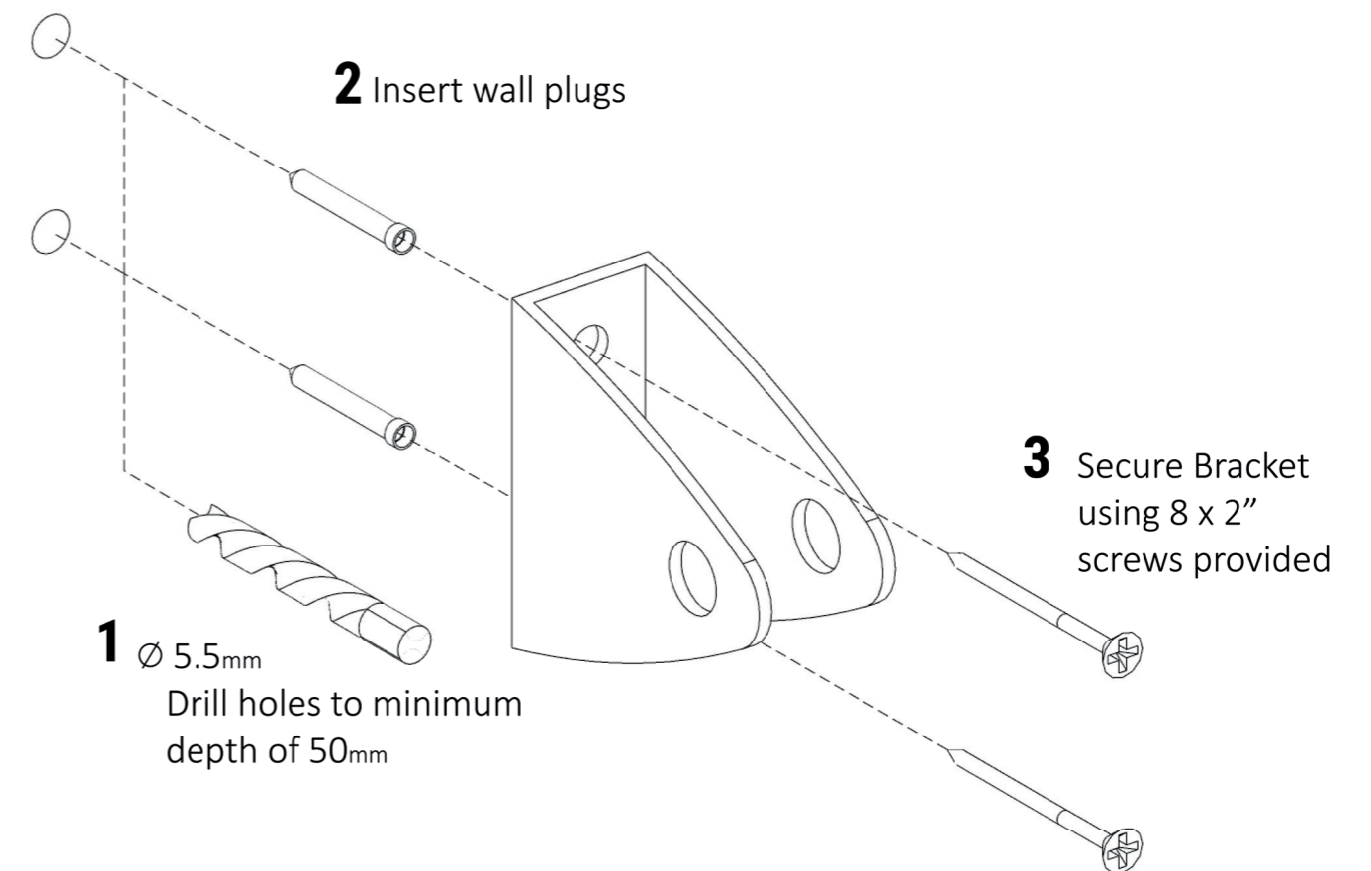


INSTALL CHANNEL BRACKETS INTO WALL

02



2.1 INSTALL CHANNEL BRACKETS INTO WALL

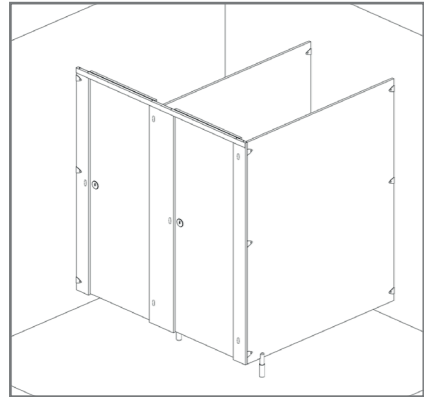


Check wall plugs and screws are suitable.

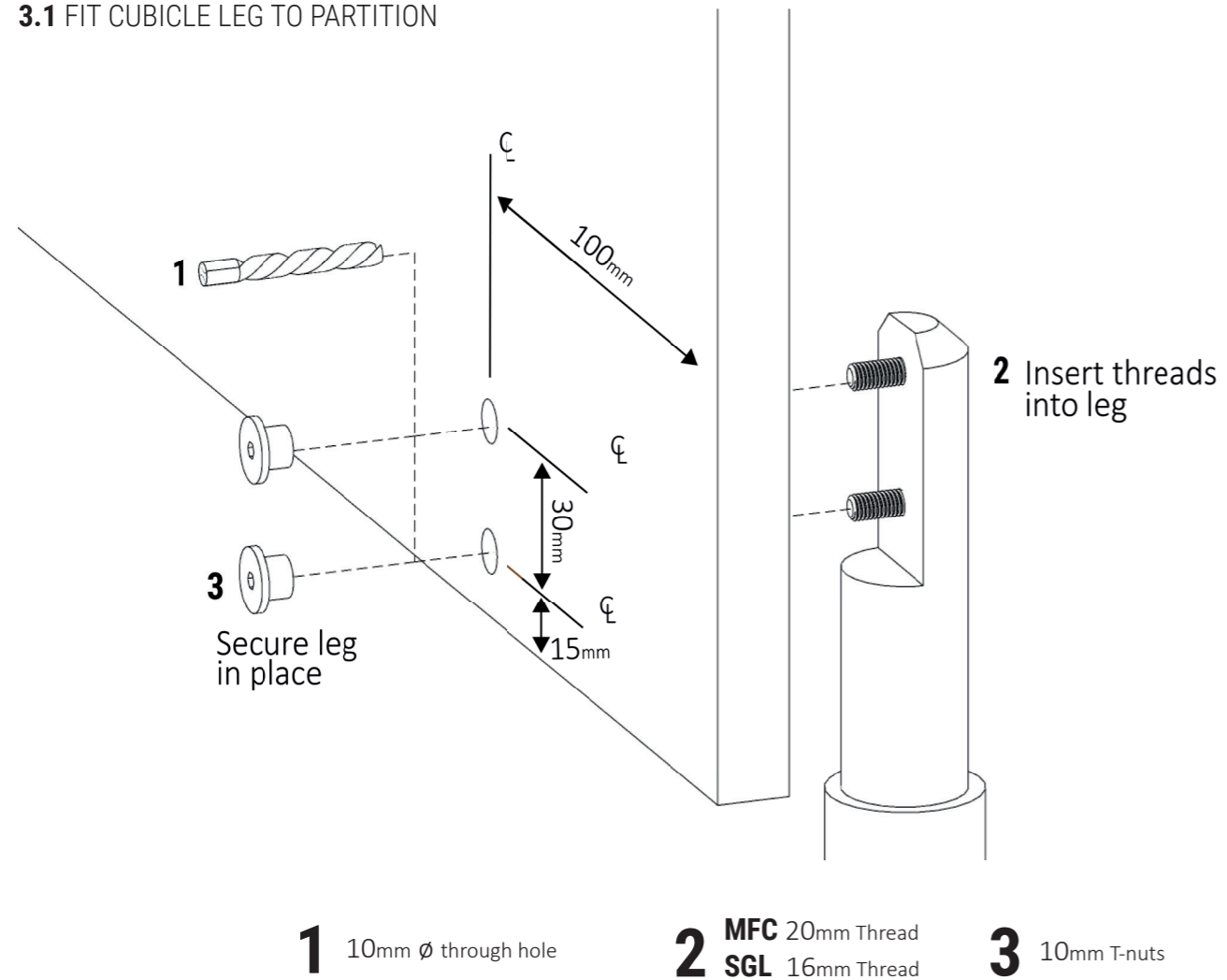
It is the installers responsibility to ensure wall fixings are fit for purpose.

FIT **CUBICLE LEG** TO PARTITION

03

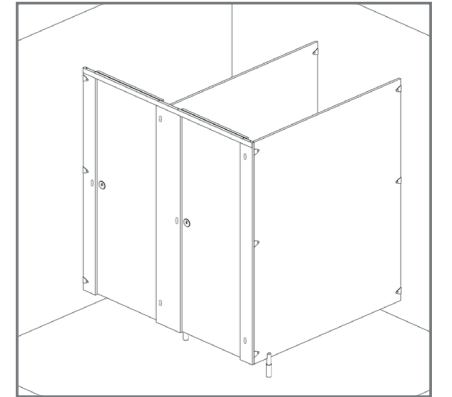


3.1 FIT CUBICLE LEG TO PARTITION

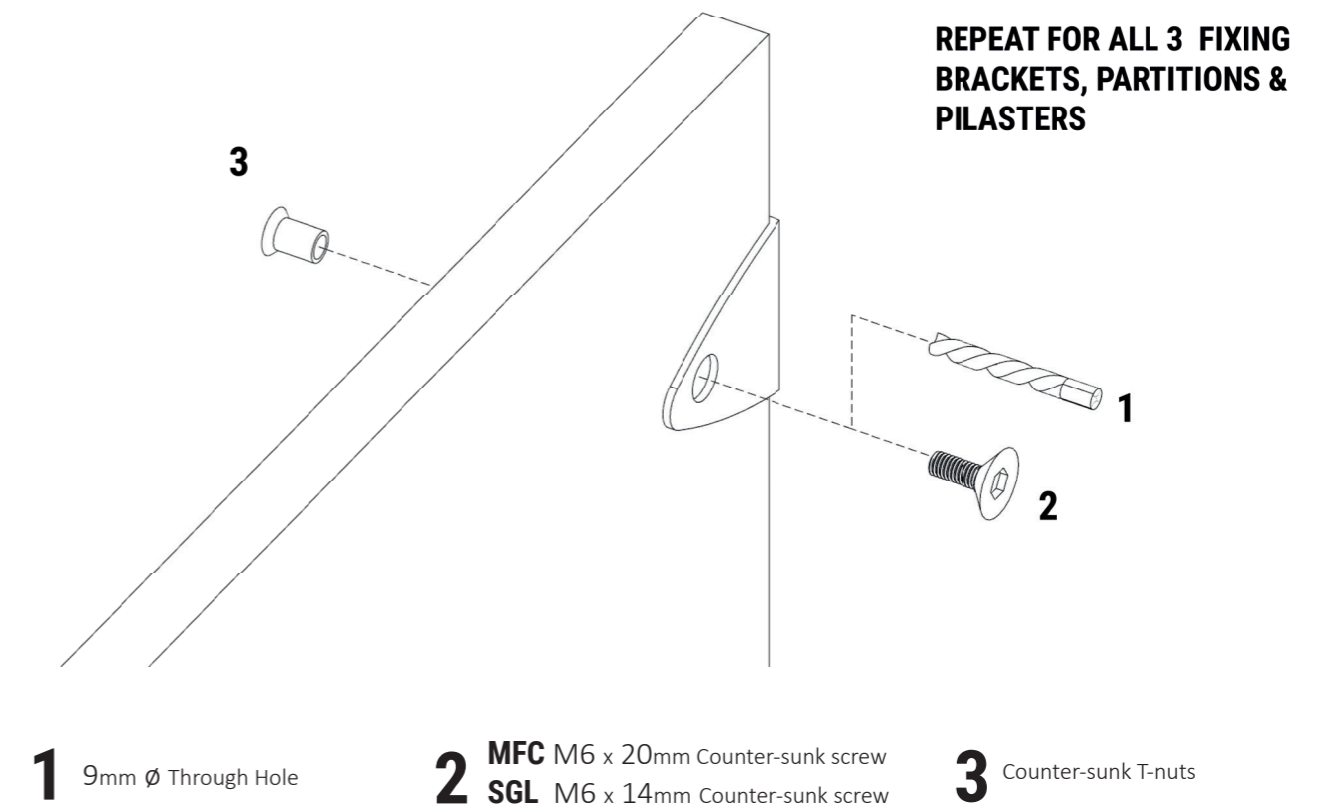


SECURE **PARTITION PANEL** TO WALL BRACKETS

04



4.1 SECURE PARTITION PANEL TO WALL BRACKETS



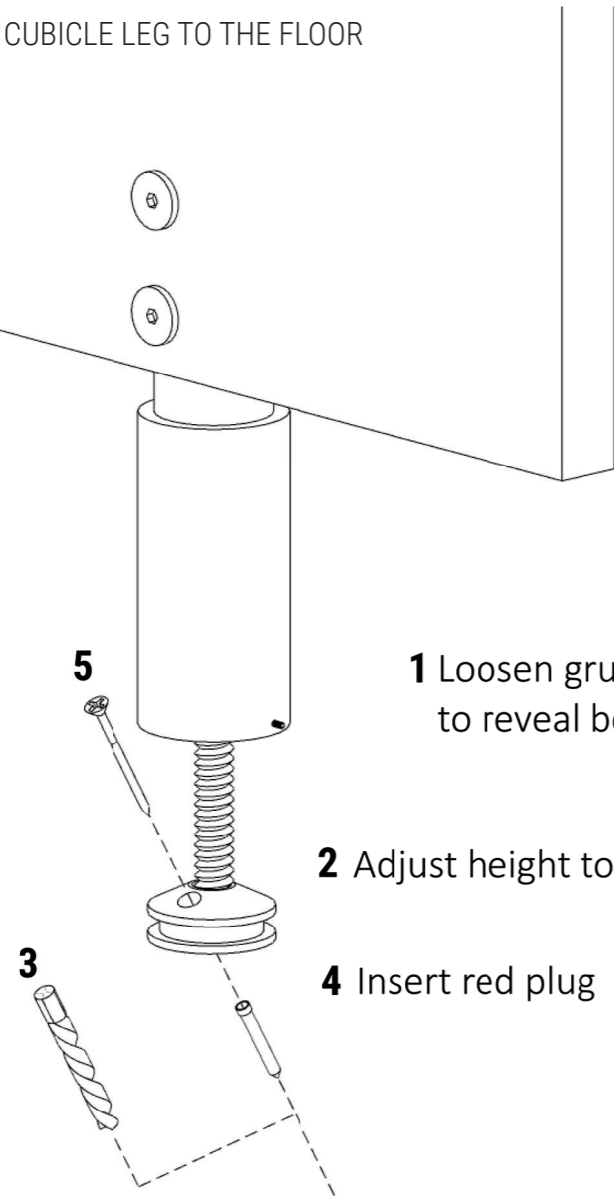
Repeat this for all 3 brackets.

Ensure Partition is level before fixing in place.

ADJUST & FIX **CUBICLE LEG** TO THE FLOOR

05

5.1 ADJUST & FIX CUBICLE LEG TO THE FLOOR



- ⚠ Check wall plugs and screws are suitable
- ⚠ It is the installers responsibility to ensure wall fixings are fit for purpose

1 Loosen grub screw to reveal bottom plate

2 Adjust height to suit

4 Insert red plug

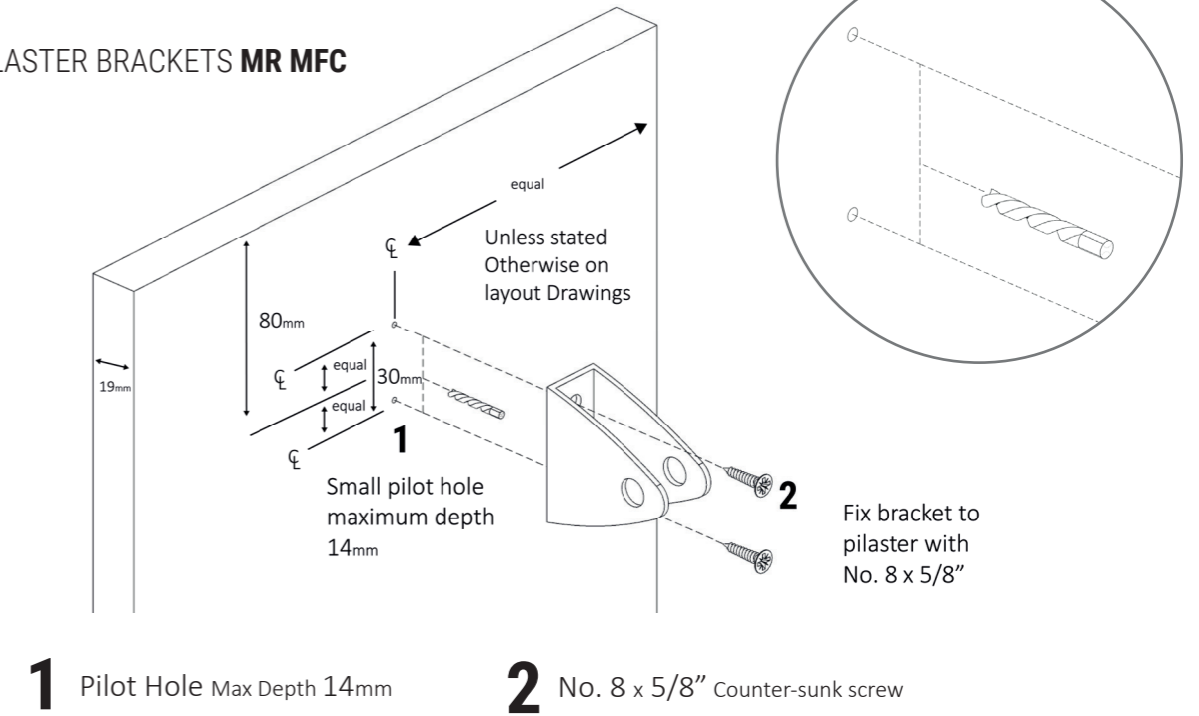
3 5.5mm Ø Through Hole, Minimum Depth 45mm

5 **MINIMUM** 2" Screw
RECOMMENDED 2¹/₂" or 3" when permitted

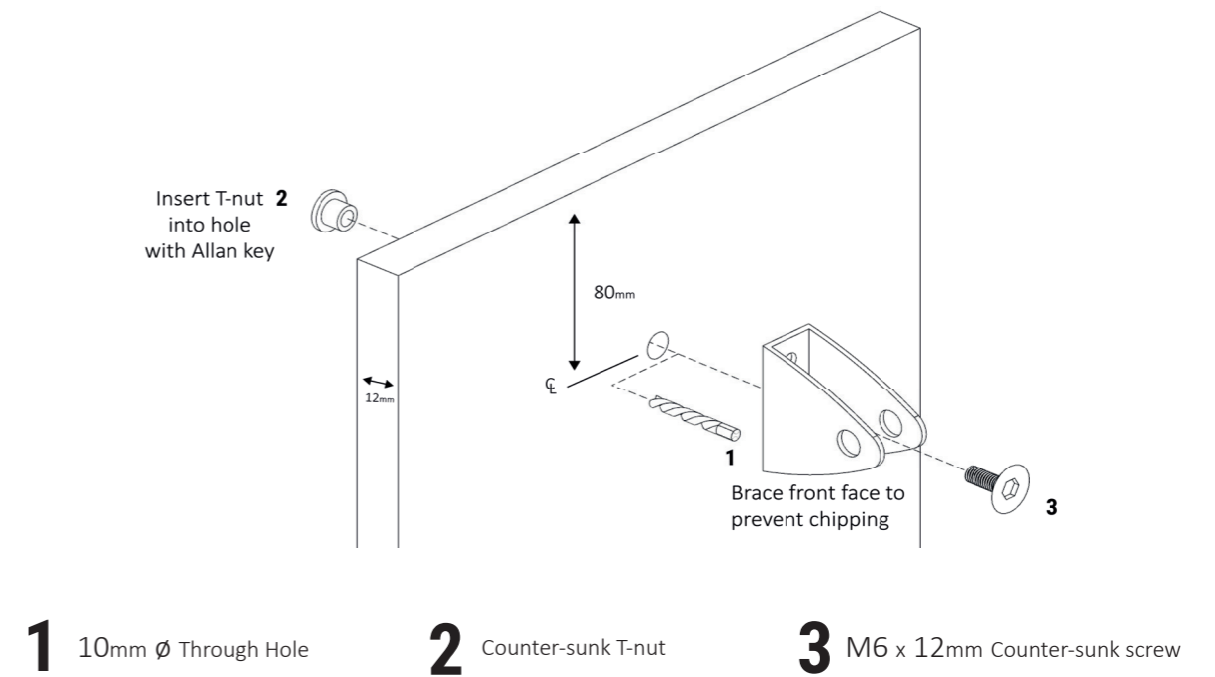
FIX **PILASTER BRACKETS**

06

6.1.A INSTALL PILASTER BRACKETS **MR MFC**



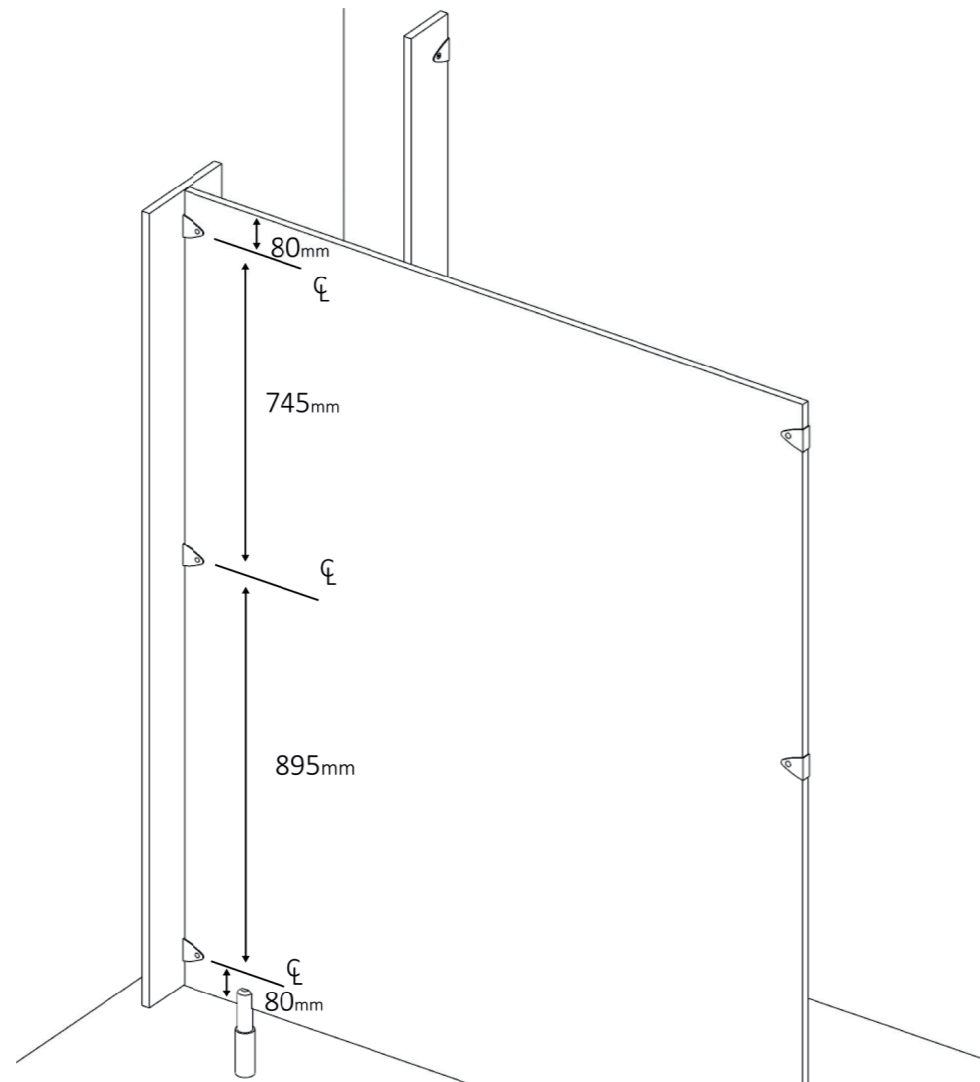
6.1.B INSTALL PILASTER BRACKETS **SGL**




PILASTER BRACKET POSITIONS

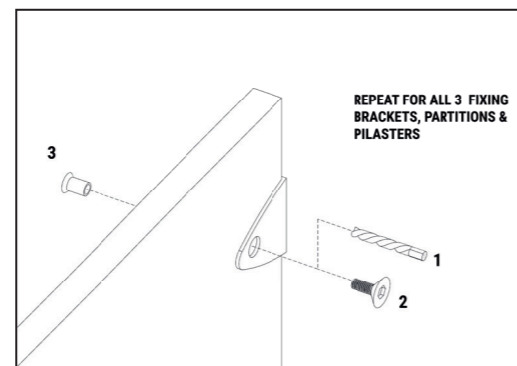
07

7.1 FIX REMAINING BRACKETS



 Sizes should be measured on the partition, not from the floor

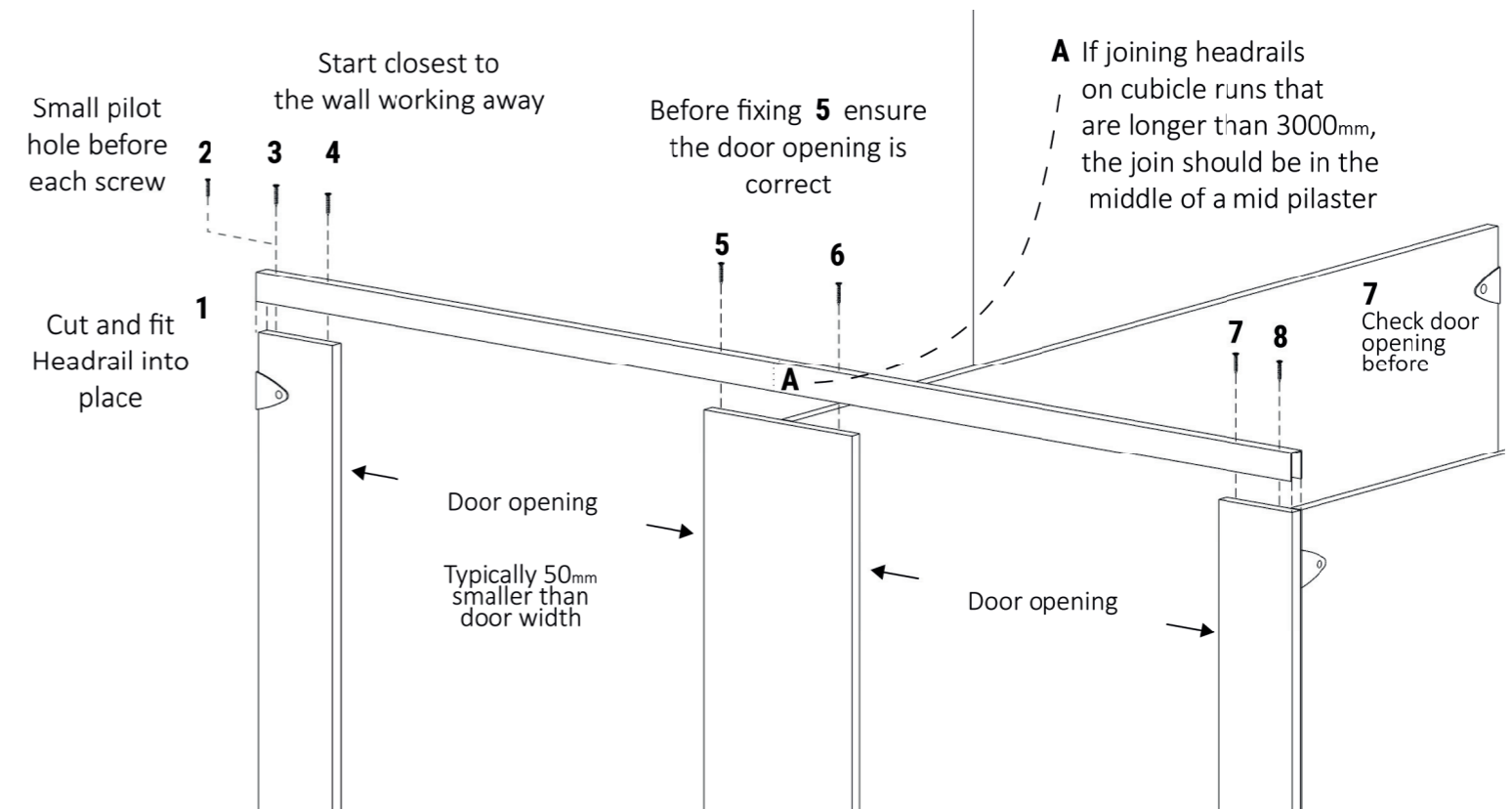
7.2 MOUNT MID-PILASTER TO PARTITION (SEE 4.1)




FIX HEADRAIL

08

8.1 FIX HEADRAIL

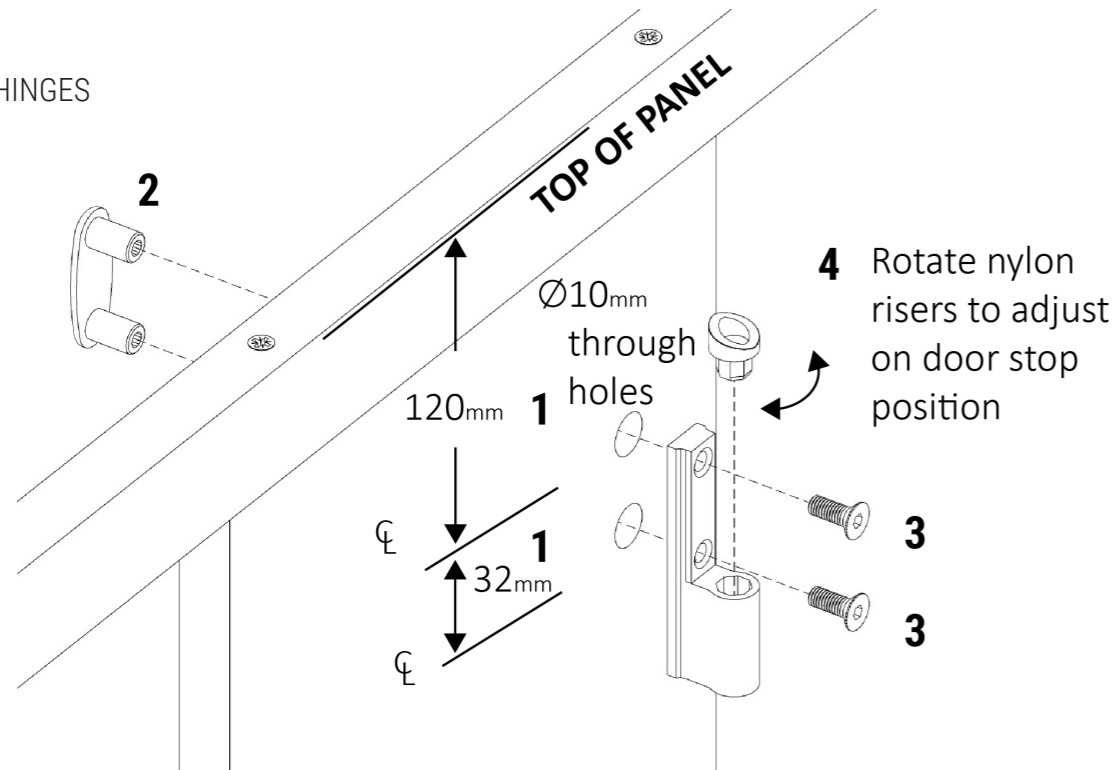


 When installing stainless steel headrail, Countersink holes

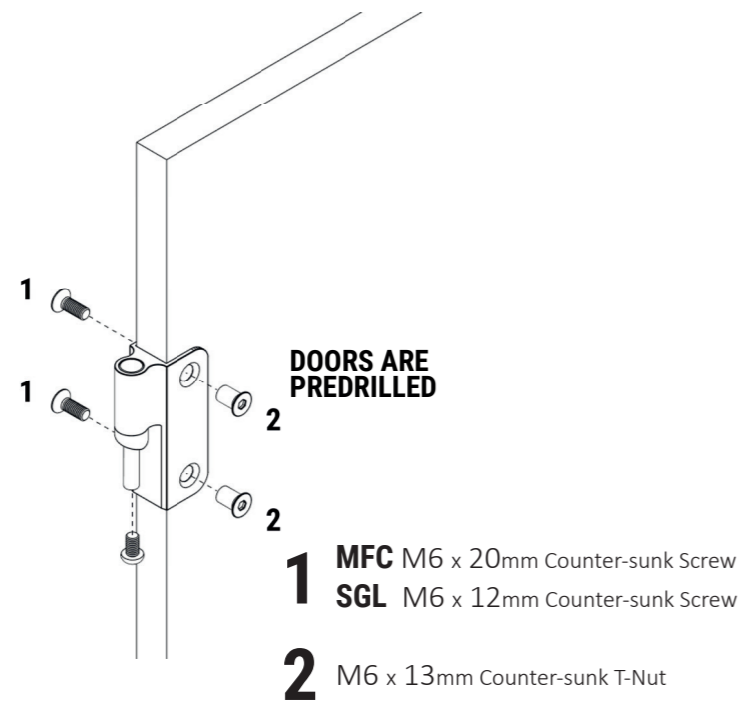
FIX HINGES

09

9.1 FIX HINGES



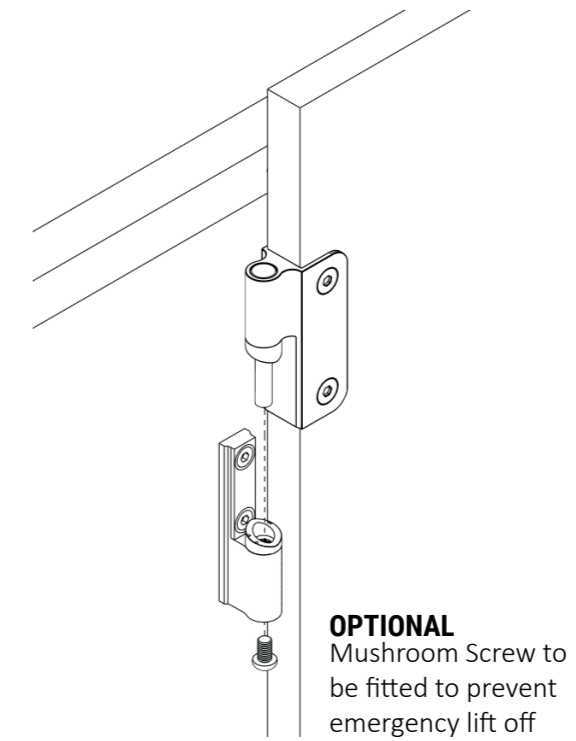
9.2 FIX HINGE TO DOOR



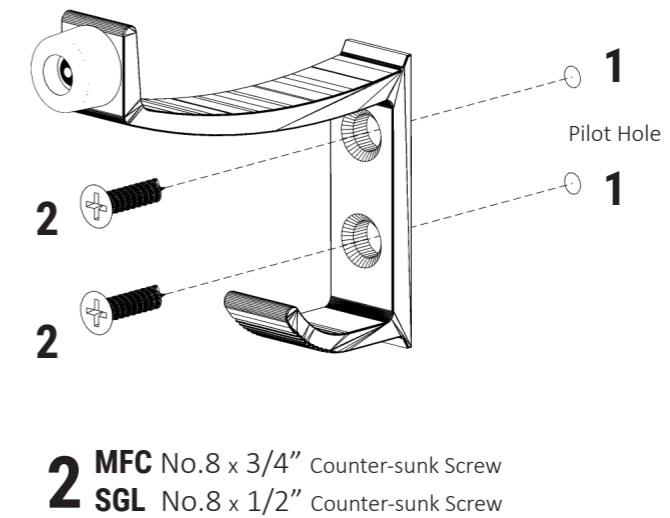
INSTALL DOOR & IRONMONGERY

10

9.3 LIFT DOOR INTO PLACE



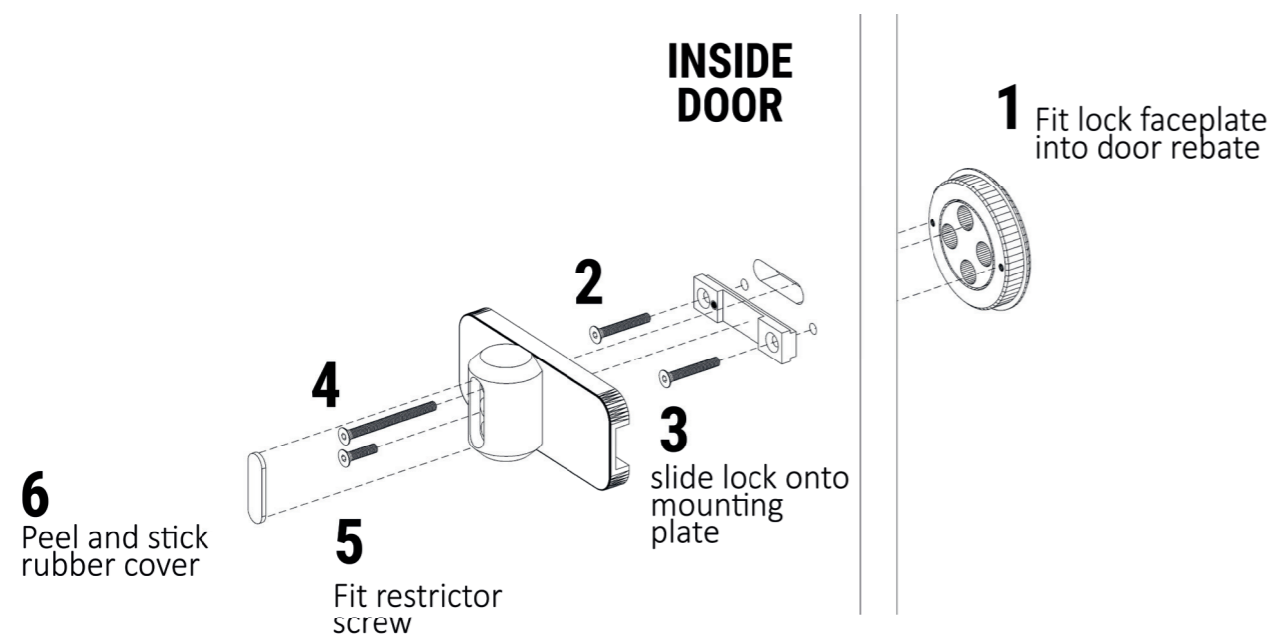
10.1 FIT HAT & COAT HOOK



FIT LOCKS - INWARD OPENING

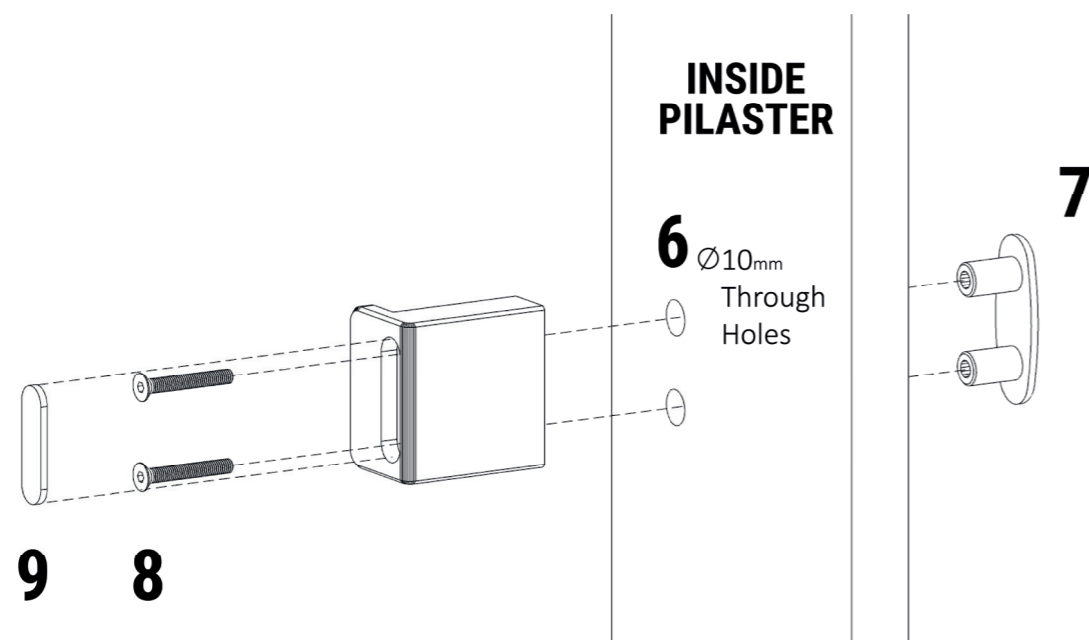
11

11.1 FIT DOOR LOCK



- 2** MFC M4 x 35mm
SGL M4 x 25mm
- 4** MFC M4 x 50mm
SGL M4 x 45mm
- 5** M4 x 20mm

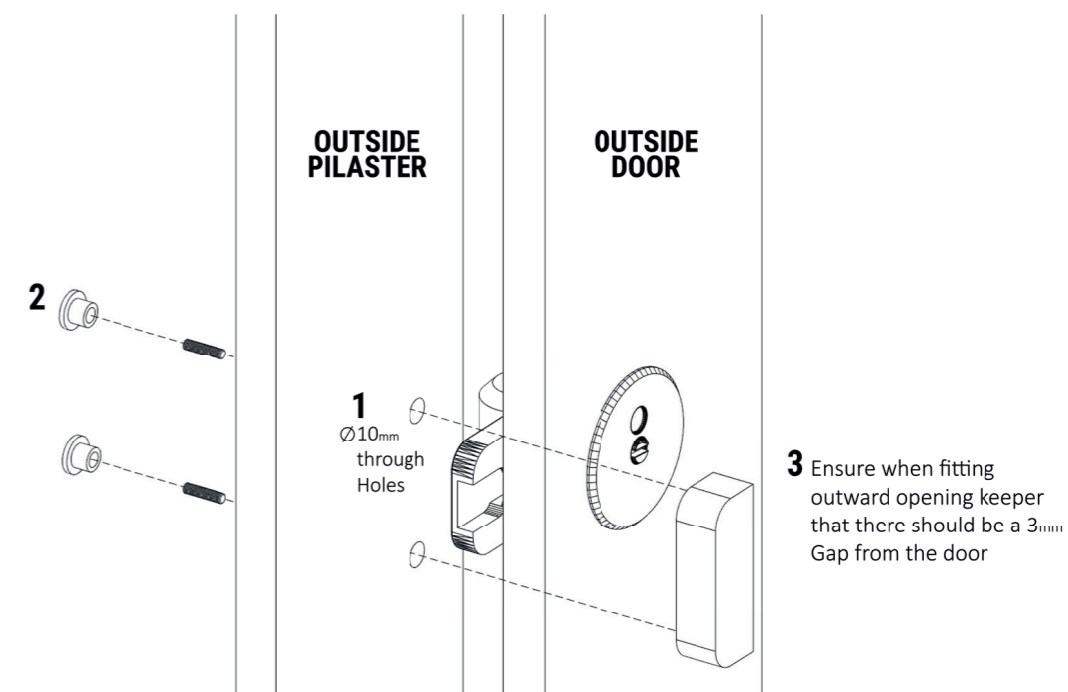
11.2.A FIT INWARD OPENING DOOR KEEPER



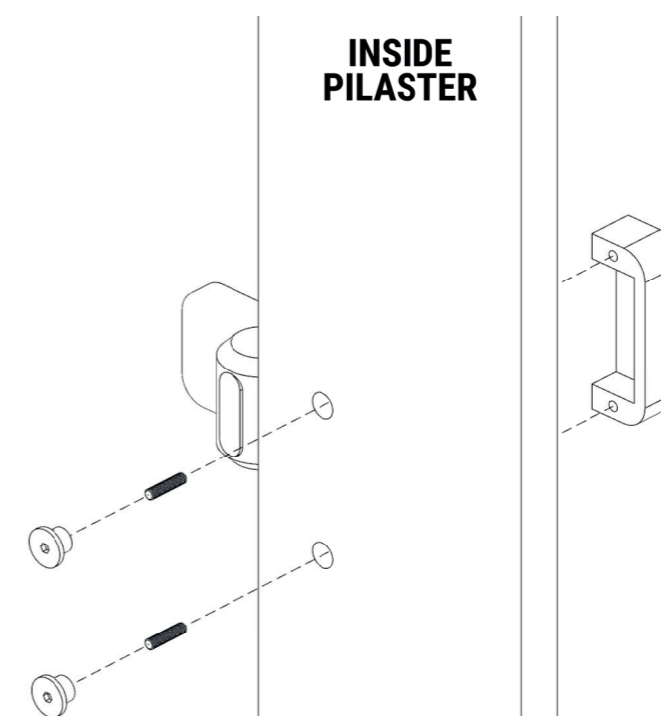
FIT LOCKS - OUTWARD OPENING

12

11.2.B FIT OUTWARD OPENING DOOR KEEPER



- 2** MFC 20mm T-nuts
SGL 12mm T-nuts



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ASPIRE MFC & SGL FITTING INSTRUCTIONS