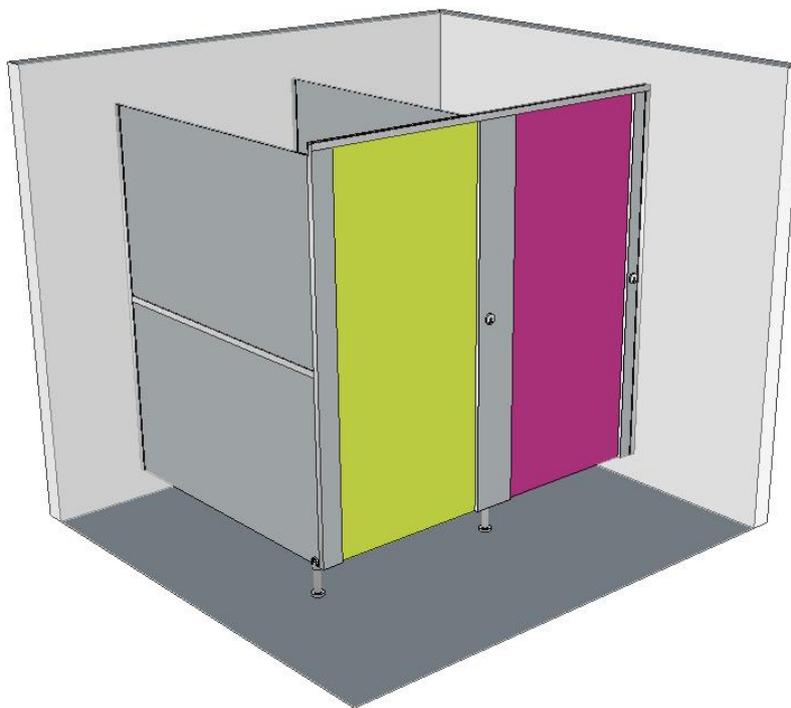




Ultra Fast Delivery SGL Toilet Cubicle Pack
Fitting Instructions



This instructional booklet should be read in full prior to undertaking any work. If in doubt please call Commercial Washrooms on 01202 650900, we will be happy to assist you.



In our example fitting we will install one cubicle in a corner, there are only slight variations and repeats of stages required to install multiple cubicles and of various configurations.

First fit the wall channels on the rear wall, one for each side partition to be installed. Define the cubicle centre pitch to fit the wall channels.

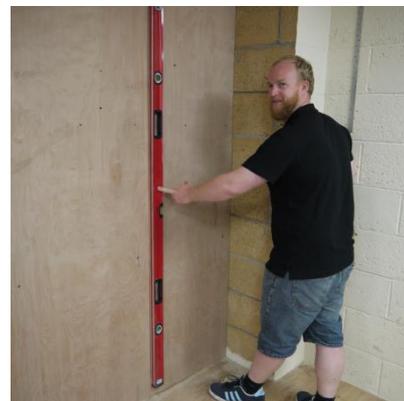
A Wall channel is required wherever a panel meets a wall and on the end of the cubicle partitions where they meet a pilaster.



Measure out the position for the wall channels using the information supplied in your drawings.

The drawings will only be as accurate as the measurements of the site as supplied by the client or their nominated agent.

Ensure all the wall markings are level and straight.





Measure up 150mm from the floor and add another mark. This is the height at which the panels are raised from the floor and from where the channels should be installed.

If there is any doubt as to the pitch of the floor mark out for the first back wall channel and use a laser to measure and mark the positions for ALL the other channels so that all the cubicles are at the same height regardless of floor level.

With assistance place the first wall channel against the wall over the centre pitch and 150mm from the floor (at the position you marked previously).



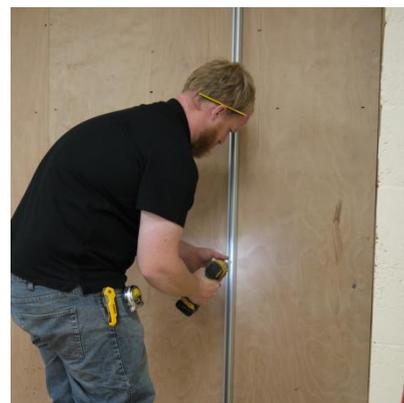
Fit the channel drilling pilot holes for rawl plugs if required.

For fitting in to panels use:
4no No.8 X 1-1/2" screws (supplied)

For fitting in to block work use:
4no No.8 X 1-1/2" screws (supplied)
4no Red Rawl Plugs (supplied)

Ensure all the required fittings are used for each wall channel.

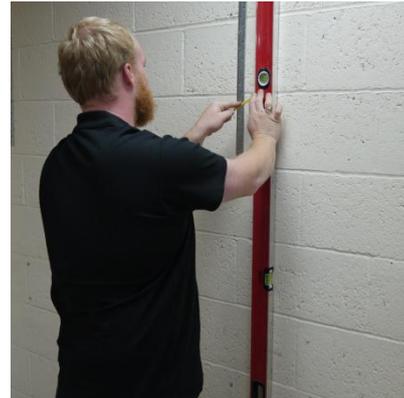
Repeat this process for each rear wall channel required.



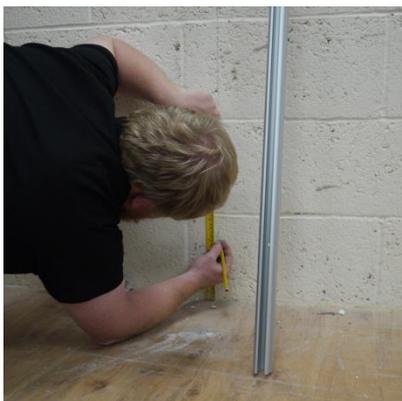


Measure out the position for the wall channels on any side walls. These wall channels will attach the wall pilasters to the side walls.

Repeating the process for fitting out the wall channels on the back wall, mark out the position for the wall channel ensuring it is level and straight.



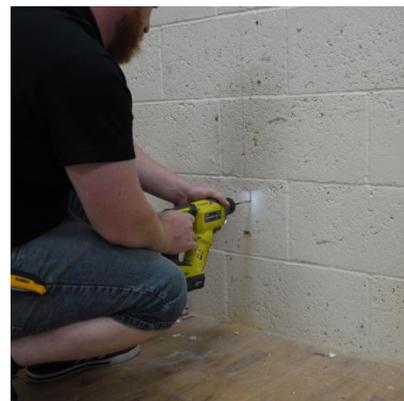
If you know the floor to be level, mark up 150mm from the floor as before. If in doubt then use a laser.

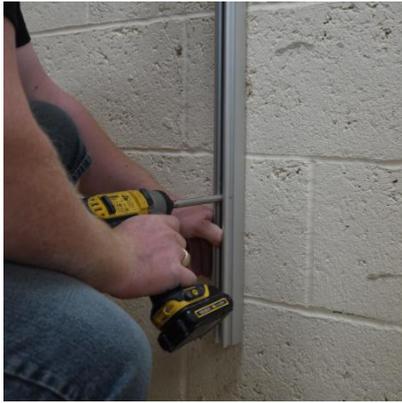


If there is any doubt as to the pitch of the floor mark out for the first back wall channel and use a laser to measure and mark the positions for ALL the other channels so that all the cubicles are at the same height regardless of floor level.

In our example installations we are mounting this wall channel to block work walls and so we are drilling for rawl plugs.

Use the wall channel to mark the position for each hole. Drill and fit rawl plugs.





With assistance fit the side wall channel(s) to the wall.

We will now fit the pilasters.

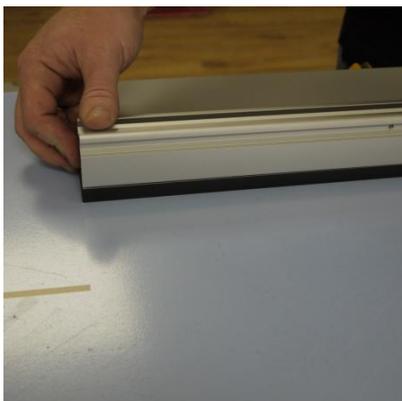
As and when you are ready to fit each pilaster carefully peel off the protective coating on each side.

If the wall pilasters are too wide they may be cut with the cut edge hidden within the wall channel.



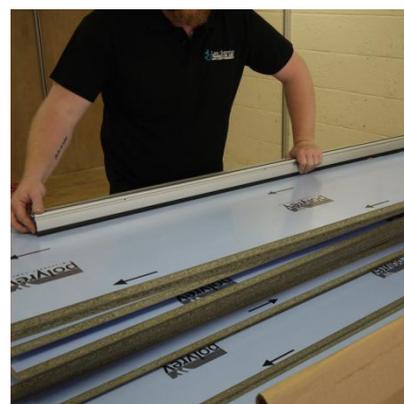
We will start by fitting the last pilaster this is our terminating pilaster and is on the corner of the cubicle set.

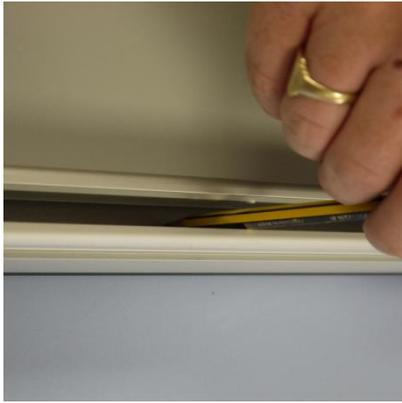
If your cubicle configuration is between walls you will not have a terminating pilaster, instead you will have two wall mounted pilasters. So skip to step XX



As this is the terminating pilaster we wish to install the wall channel at the very end of the panel.

If this is a pilaster that will be between two cubicles we would mount the wall channel in the centre of the panel.

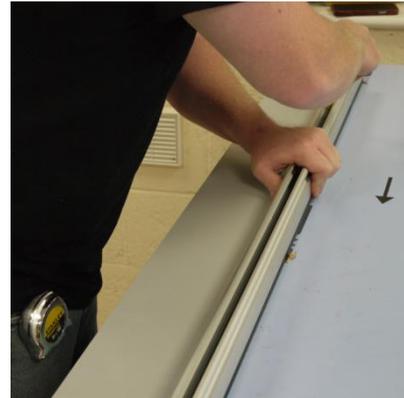




Using the channel as a template mark out all the holes required for drilling.

The wall channel should be aligned with the bottom of the pilaster so that there is an over hand of material above the top of the wall channel.

Again in this image you can see the channel clearly on the edge of the pilaster and with the drill holes being marked by pencil.



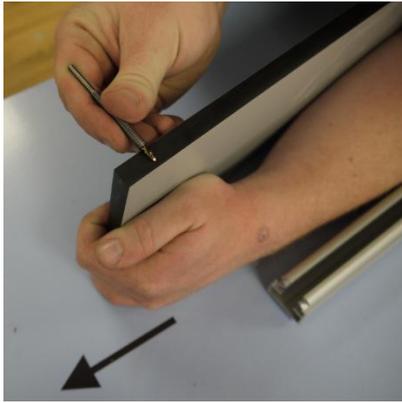
In total you should mark out four holes.

Pilot holes must be drilled for ALL fixings fitted in or through compact laminate material! Do not attempt to push screws straight in to the material.

From the hardware pack remove the 3.5mm drill bit (smallest) and find the matching 3.5mm spring.

Fit the drill bit in the drill so that with the spring placed over the bit only 10-11mm of the drill bit protrudes from the spring (and thus limits the depth you can drill).





This image shows the length of the bit being set against the panel. After the first hole is drilled the compact dust will secure the spring against the drill bit ensuring you do not lose it.

You should be able to drill far enough into the panel that when you put the screw in it doesn't push any compact material out the undrilled side.

Having one drill exclusively for drilling with the 3.5mm bit will eliminate having to check and recheck the depth every time you change the drill bit.

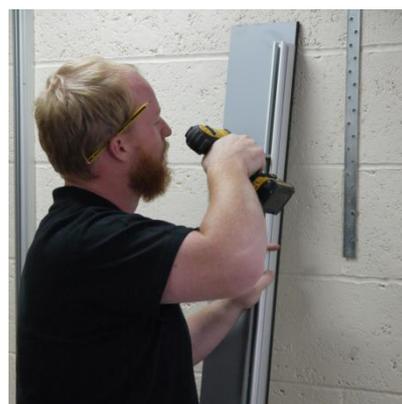
You are now ready to drill the screw holes where you made the markings.



Then using the supplied zinc screws attach the wall channel to the pilaster.

Here the wall channel is again clearly shown being screwed to the pilaster on the far edge and aligned with the bottom of the panel so that there is an overhang of material at the top.

Put the pilaster and wall channel assembly safely to one side. You will need it later.



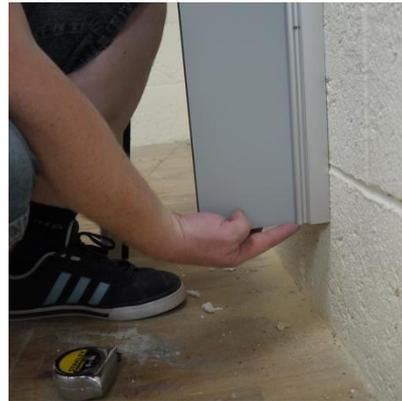


Preparing the wall pilaster for use we once again clear it of protective material.

In a corner configuration cubicles will only have one (1) wall mounted pilaster. Mounted on the single side wall.

Between wall configuration cubicles will have two (2) wall mounted pilasters. One either side on each enclosing wall.

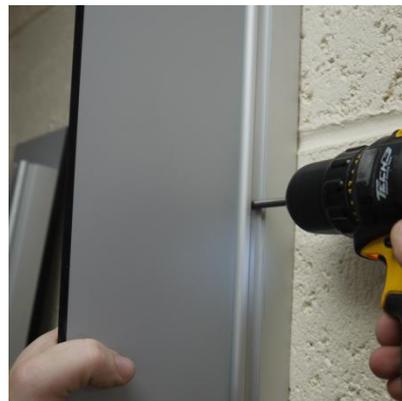
Using help align the wall pilaster in the wall channel already attached to the side wall. Again so that the pilaster is flush to the bottom of the channel.



Drill pilot holes for the screws.

Pilot holes must be drilled for ALL fixings fitted in or through compact laminate material!

Then using the supplied zinc screws attach the wall channel to the pilaster.



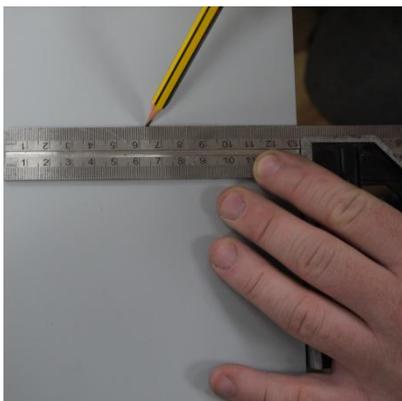


We are now ready to install the first partition (side panel). Again remove any and all protective material.

If you need to make the cubicles shorter than standard the panels may be cut with the cut edge hidden within either of the wall channels.

As the first panel will be the bottom panel we will first mark out the position for the cubicle leg (supplied).

Make a mark 150mm from either of the ends of this panel. The end you choose will be the front of the cubicle (nearest the door).

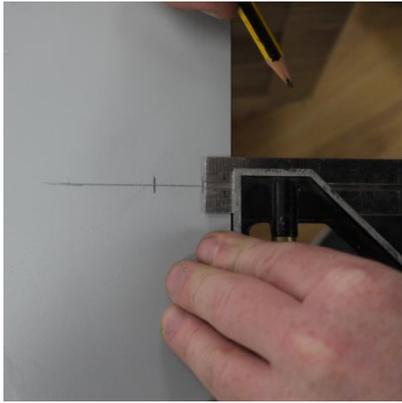


Draw a straight centre line from the 150mm mark.

Measure up 45mm; this is where you will drill the top hole for the leg fixing. This hole will go all the way through the panel.

When drilling compact laminate DO NOT use too much pressure and start with the smallest drill bit working up to the required size. Failing to observe these tips may result in chipping of the decorative fascia.





Measure up 15mm; this is where you will drill the bottom hole for the leg fixing. This hole will go all the way through the panel.

When drilling compact laminate DO NOT use too much pressure and start with the smallest drill bit working up to the required size. Failing to observe these tips may result in chipping of the decorative fascia.

Begin drilling the panel starting with the smallest drill bit.

Let the drill do the work and do not apply a lot of pressure.



Work up through the drill bits to the required size required for the leg fixings.

Adjust the leg to near its minimum height.

Attach it to the panel.



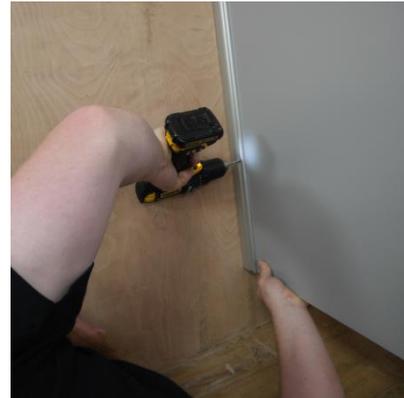


Once fitted the panel should ideally sit on the indent in the leg to provide additional support.

This bottom panel may now be attached to the rear wall channel. Ensure the leg is pointing to the floor and at the front of the cubicle (nearest the door).

Place the panel in the wall channel aligning it to the bottom of the panel.

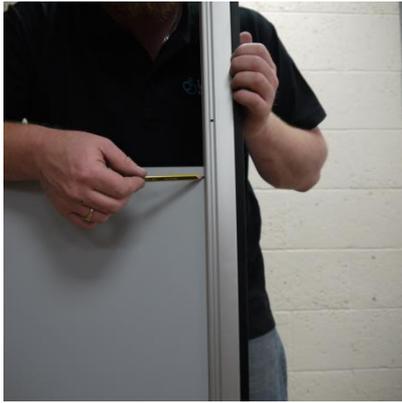
Have an assistant hold the panel or if you have perfectly flat floors use a 150mm block to support the panel.



As before pilot drill each hole before using the supplied zinc screws to secure the panel within the wall channel.

The panel should now be self supporting. Using a spirit level and by adjusting the leg, ensure the panel is level.





It is now necessary to adjust the length of the H section so that we can install the upper partition panel.

Place the wall channel and attached pilaster over the end of the lower panel and use this as a rule to draw a line where they will fit.

Place the H section on top of the lower partition panel pushing it right back butt against the rear wall channel.

Then transfer the pencil marking to the H section.



Cut the H Section to the required length and place it back upon the lower partition panel.

The upper partition panel may now be test fitted; it should sit in this position quite happily. But be careful it is not secured.





At the wall end drill pilot holes for the screws.

Pilot holes must be drilled for ALL fixings fitted in or through compact laminate material!

Then using the supplied zinc screws attach the wall channel to the upper partition panel.

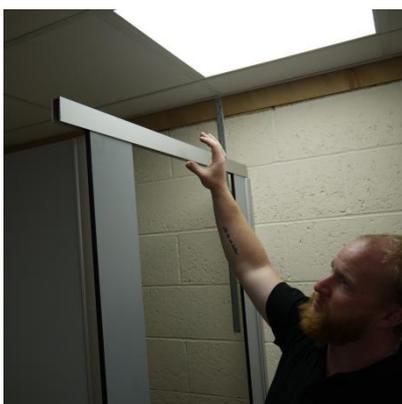
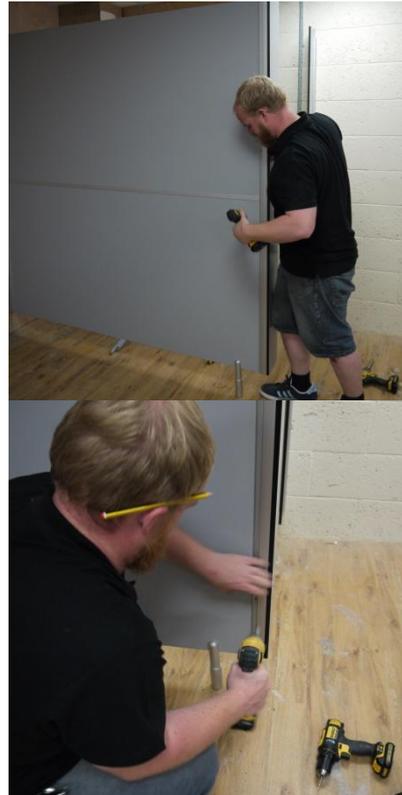
Place the wall channel and attached pilaster over the end of the fitted lower and upper panels.

If you cut the H section to the right length it will run from the wall end of the cubicle to the door end, with no gaps and with the wall channel and pilaster at the door end fitting on the end of this assembly fitting snugly.

At the door end drill pilot holes for the screws.

Pilot holes must be drilled for ALL fixings fitted in or through compact laminate material!

Then using the supplied zinc screws attach the wall channel to the lower and upper partition panels.

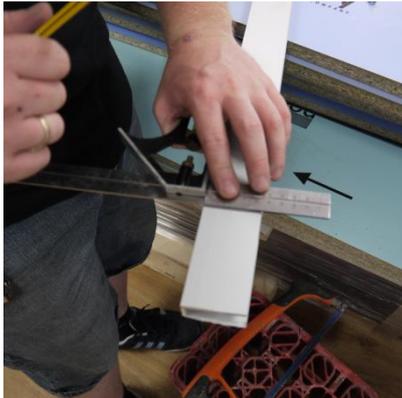


Repeat these steps for each pilaster and partition panel until you have built each cubicle (less the doors).

Then you are ready to fit the head rail. The head rail adds extra rigidity into the system and must be fitted.

Using One or more head rail pieces depending upon the length of your run of cubicles test fit the head rails.

Measure and mark the end of the cubicle run.



Transfer the mark to the head rail to show you where to cut.

Cut the head rail to length.



Starting at the corner end drill pilot holes for the screws.

Pilot holes must be drilled for ALL fixings fitted in or through compact laminate material!

Find the dome head screws for attaching the head rail. These are more aesthetic.



Pilot holes must be drilled for ALL fixings fitted in or through compact laminate material!

Then using the supplied dome head screws attach the head rail to the pilasters across the front of the cubicles.

Check once again the panels and pilasters are straight and if so we will attach the cubicle legs to the floor.



Pull up the collar on the cubicle legs exposing the drill holes.

Drill a pilot hole in the floor and then find the screw from the cubicle leg fixing pack and screw down through the cubicle leg base into the floor.

The leg cannot now move, in any direction.

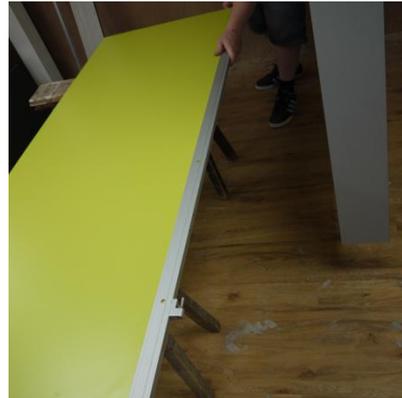


We are now ready to install the cubicle door. Again remove any and all protective material.

If the panel is too wide it may be trimmed to suit with the cut edge hidden within the hinged channel.

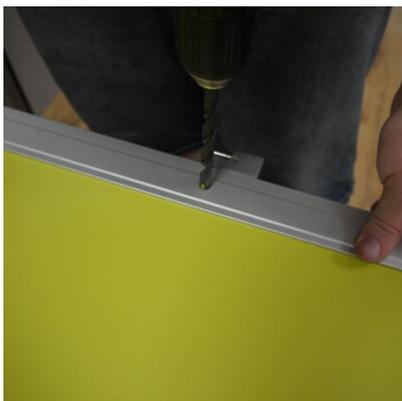
The panel must always be at least 65mm wider than the door aperture.

At least 40mm will be lost within the door channel and 25mm needs to overhang the plaster on the unhinged side to prevent the door swinging past the closed position outward and provide enough material for the lock to secure against.



With the hinged channel pushed tight to the edge of the door panel drill out the 9mm holes for the (supplied) bolt through fixings.

When drilling compact laminate DO NOT use too much pressure and start with the smallest drill bit working up to the required size. Failing to observe these tips may result in chipping of the decorative fascia.



As these holes will be concealed within the door channel slight chipping of the decorative fascia will be hidden on this occasion. If in doubt however follow normal (careful) drilling procedure

Put the bolt through fixings and doors to one side.





Offer up the hinge to the pilaster. Ensure it is on the inside of the cubicle and on the side the cubicle will hinge from.

Align the edge of the hinged channel to the edge of the pilaster. This will ensure when the door is closed that the hinged channel is concealed from view.

Mark with a pencil or similar tool where the holes need to be drilled.

Now separate the hinge, underneath the hinge pin is a Phillips screw which once undone will separate the hinge into two pieces.



Once the markings are made you may fit the hinged channel to the door.

Tighten the bolt through fixings, but do not over tighten to avoid stripping the threads.

Loctite may be used to prevent or hinder potential vandalism.



Returning to the pilaster we now need to drill the holes for the bolt through fixings which will attach the hinges.

This is the panel you must be most careful drilling; these holes may be on show permanently.

When drilling compact laminate DO NOT use too much pressure and start with the smallest drill bit working up to the required size. Failing to observe these tips may result in chipping of the decorative fascia.

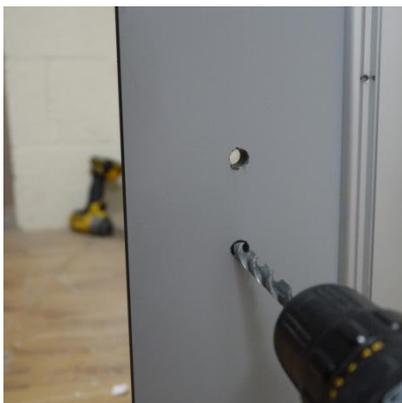




Starting with the second smallest drill bit (4.5mm) drill all the way through the panel at the correct place.

On the next drill bit size up (5.5mm) drill from the opposite direction.

Again do not apply too much pressure.



Final stage with the largest size drill bit required of 9mm

The holes should now be drilled with no chipping of the fascia.

If you have chipped the fascia you may be able to cover them with the supplied plastic covering.





Fit the smallest piece of the separated hinge to the pilaster. So that the pins point up, this allows you to fit the hinged channel and door by dropping the assembly onto the hinges.

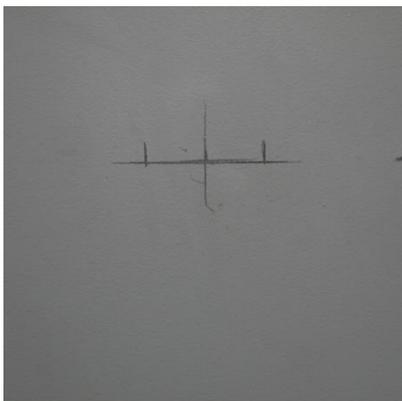
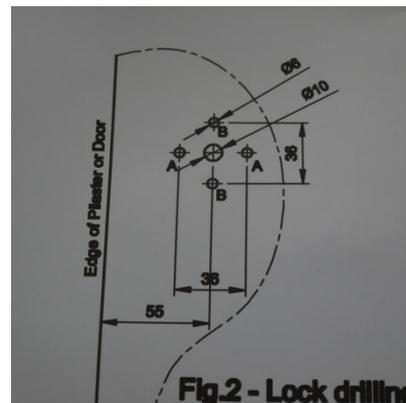
This also prevents the door falling off the hinges if the screw or hinge gives way. Ensure you refit the Phillips screw and properly reassemble the hinge.

Failure to refit the Phillips screw will after time cause the hinge to droop and possibly twist.

In the pack with the lock is a drilling template, follow this template to ensure you drill the correct holes in the correct place.

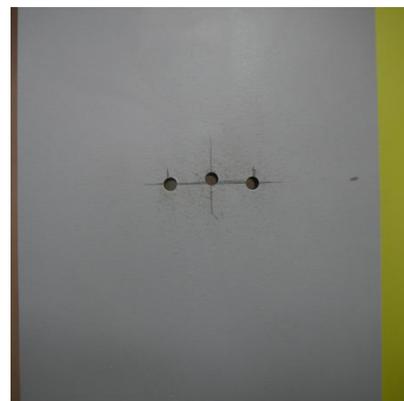
'A' Holes for L/H fall of lock handle
'B' Holes for R/H fall of lock handle

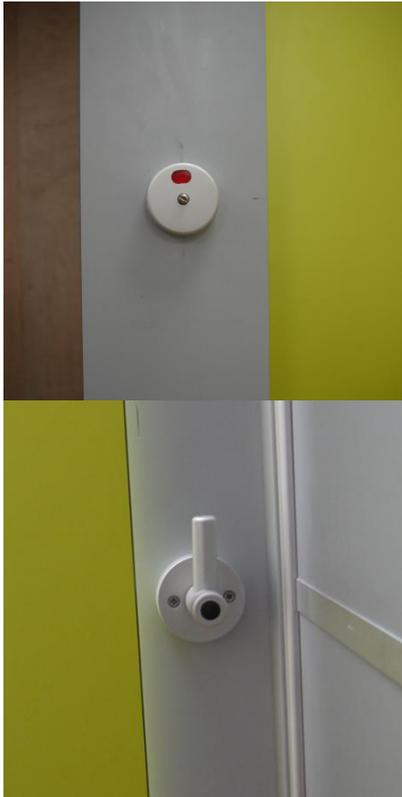
The lock is to be mounted on the pilaster with the centre point 55mm from the outer (door side) edge.



This image shows the drilling template transferred to the pilaster.

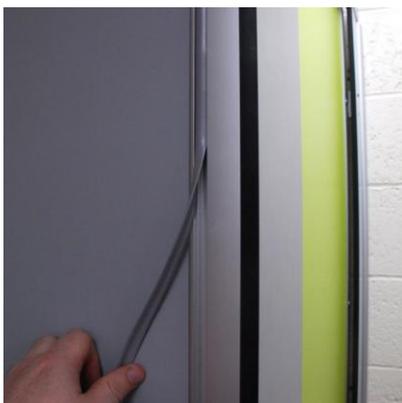
If you drill the wrong holes do not worry so long as the centre point is correct the holes will still be concealed by the lock once fitted.





Fit the lock to the pilaster, if you need to adjust the red/white lock indicator there is an allen grub screw on the face of the lock which can be undone to adjust the lock.

With the cubicle built the last stage is to fit the wall channel rubber strip to conceal the screws and hardware,



Starting from the top push the rubber strip into the channel which runs down the wall channels.

Using a plastic tool can help ease it in if tight.

Do not use a screwdriver or metal tool, if it slips it may scratch the channel finish.

The excess can be trimmed to finish the rubber strip flush with the wall channel.



Contents of the Fitting Kit

A fitting kit is included with the cubicles; this consists of all the drill bits, spacers and small tools you should require. The fitting kit is designed to work with several on-site adjustable cubicle packs and so some components will not be required in every instance.

Small fixings such as screws and bolt through fixings are supplied pack sealed with the items they are required for.

Component	Qty.
3.5mm Drill Spacer (spring)	1
4.5mm Drill Spacer (spring)	1
5.5mm Drill Spacer (spring)	1
3mm Allen Key	1
4mm Allen Key	1
3.5mm Drill Bit	1
4.5mm Drill Bit	1
5.5mm Drill Bit	1
9mm Drill Bit	1
Pozi Drive Bit	1