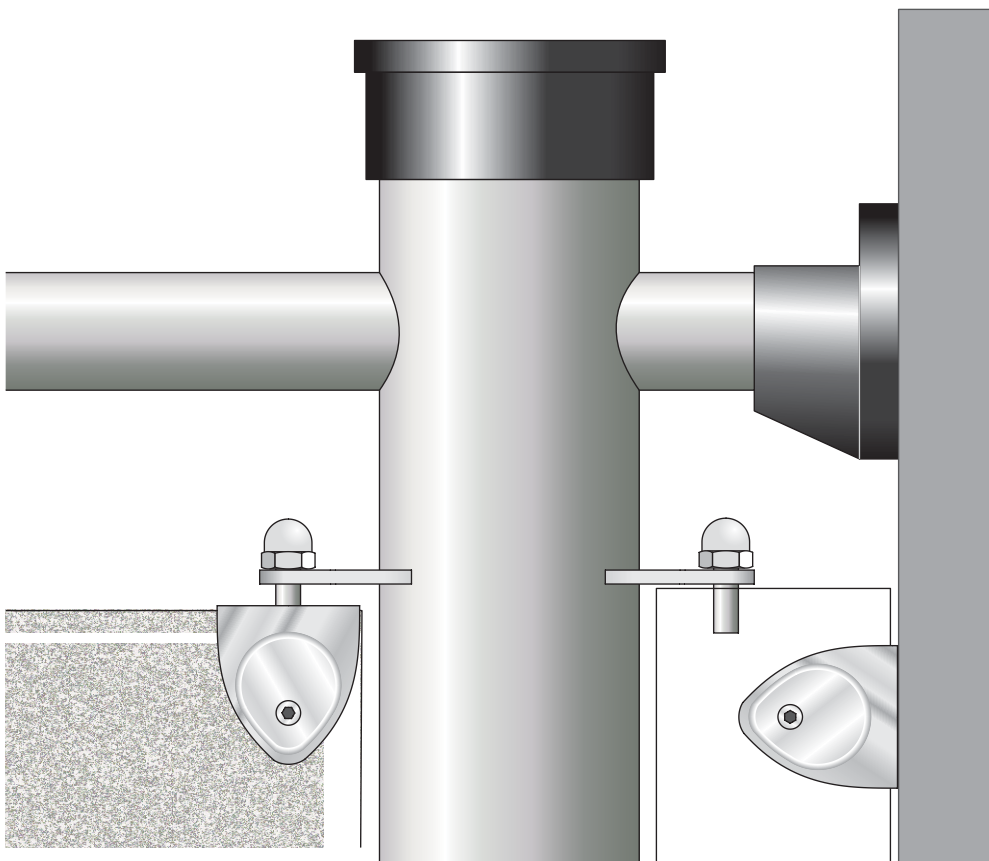
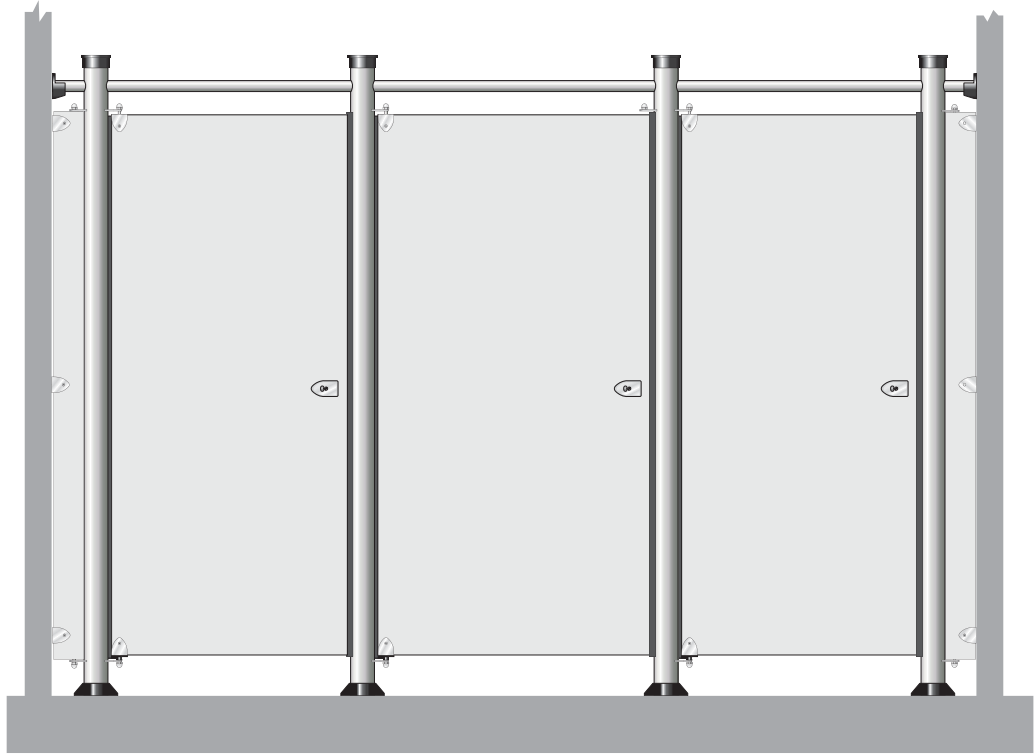


schiller

Toilet and Shower Cubicles

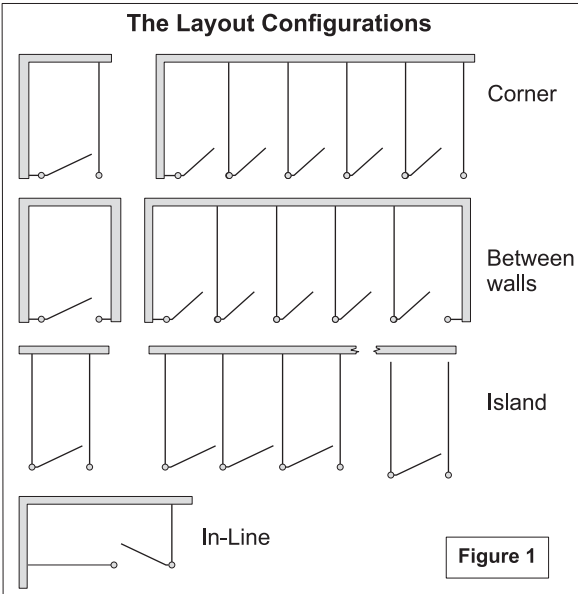
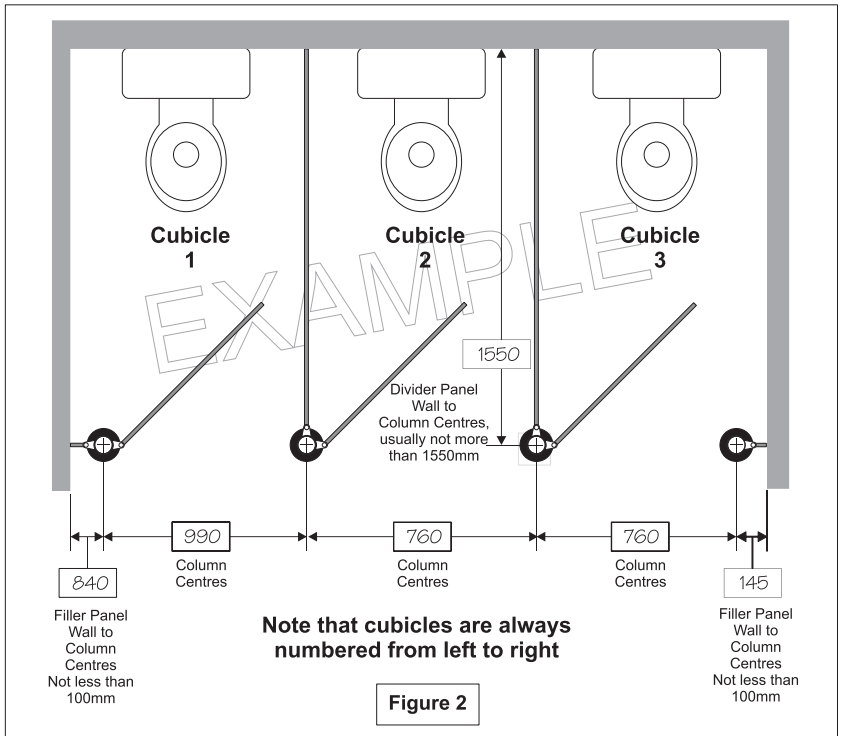


Installation Instructions



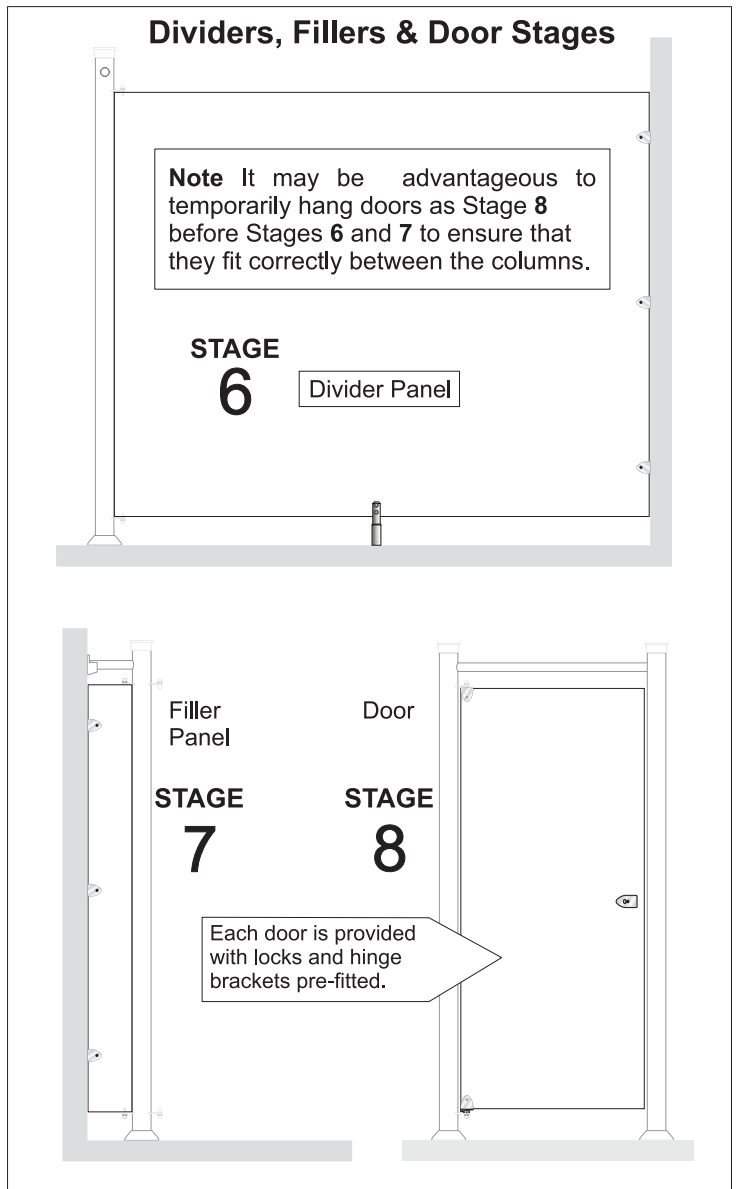
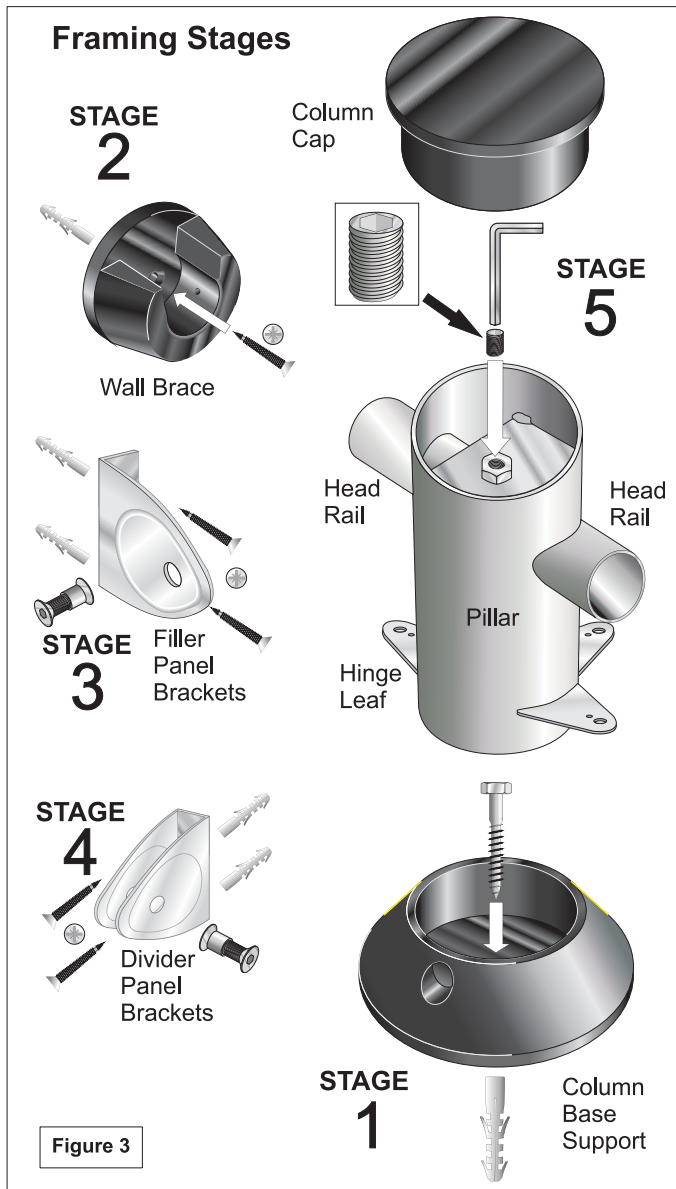
Introduction

In addition to these instructions, a detailed Cubicle Plan will have been provided for this installation. It will include content similar to that shown in Figure 2 which represents an example of one of four configurations illustrated in Figure 1. Each of the dimension boxes on the provided Cubicle Plan will include a measurement which must be used to ensure correct assembly. Please follow these instructions and the Cubicle Plan carefully.



Please read this section first

All assembly components and the quantities required for this specific installation are identified on the back page. To ensure that the cubicles are assembled easily, the installation procedures would normally be followed in these numerical stages. However, the Stage sequences can be varied to suit circumstances.



Installation Procedure

Schiller Toilet and Shower Cubicles are designed to be fitted against walls which are presumed, (within reason), to be vertical and at right-angles to a level and flat floor. If there is any doubt about the integrity of the proposed location, you are advised to check with those responsible for the site before proceeding with the installation. It should be noted that the materials used for the Cubicle System are reasonably heavy and care should be taken when handling the parts. It will normally require more than one person to assemble the complete installation.

Stage 1 - Fixing the Column Base Supports

1a Using the dimension shown as the "Divider Panel Wall to Column Centres" on the Cubicle Plan provided for this installation, mark a centre line, "A" on the floor parallel to the back wall of the cubicle assembly location. Where the centre line meets any vertical wall for "Corner", "Between walls" and "In-Line" configurations, continue the centre line, "B" vertically up the wall. See Figure 5.

1b On the floor centre line mark the positions, "C" where holes need to be drilled for the Column Base Supports. The relevant dimensions will be found on the supplied Cubicle Plan. Draw right angled centre lines, "D" from these marks to the back wall and continue them vertically upwards, "E".

1c Use the 10mm masonry drill supplied to drill an appropriate depth hole for the plug and coach/rag bolt and secure each of the Column Base Supports in position with the side fixing hole to the rear. See 1 in Figure 3. Drill an 3mm hole through the side fixing hole and the column and secure with the stainless steel self tapping screw.

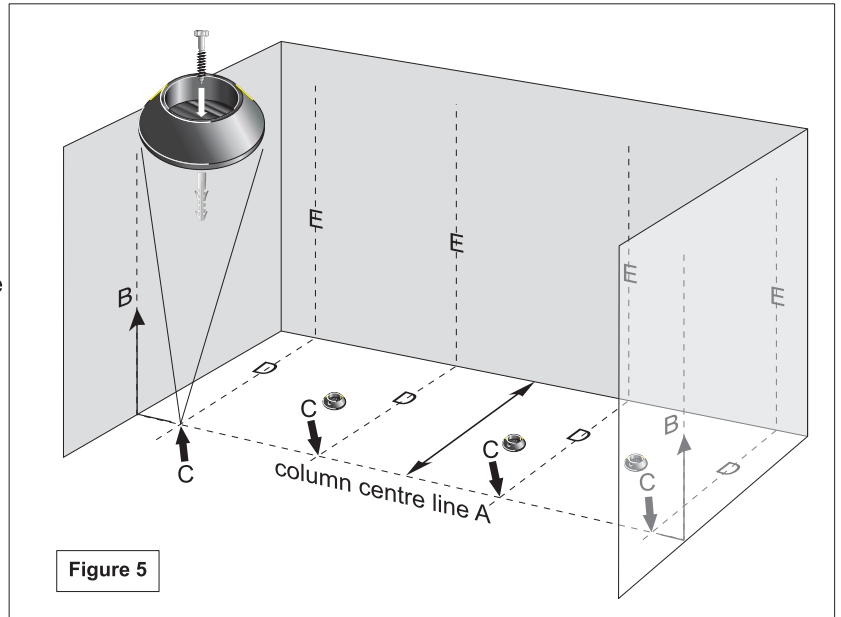


Figure 5

NB Ensure that any centre line marks are easily removable after the installation is complete.

Stage 2 - Fixing the Head Rail Wall Braces

2a Dimension "X", the fixing points for the Head Rail Braces in Figure 6, are not provided as the level of the floor cannot be assumed to be the same for every installation. To establish those fixing points it will be necessary to loosely assemble the two end columns and the head rail as shown, usually requiring two persons depending on the number of cubicles being assembled. For rigidity, it might be necessary to tighten the Allen Key headed Grub Screws shown by the Stage 1 drawing in Figure 3.

2b With the Head Rail horizontal and the Columns vertical, mark a horizontal line "F" to intersect line "B" as shown in Figure 5. Apply the procedure to both ends of the Rail. See Figure 7 inset within Figure 6.

2c Remove, and depending on the number of cubicles, dismantle the temporary assembly. Use the 5.5mm Masonry Drill and then the plug and screw to secure the Head Rail Braces to the wall.

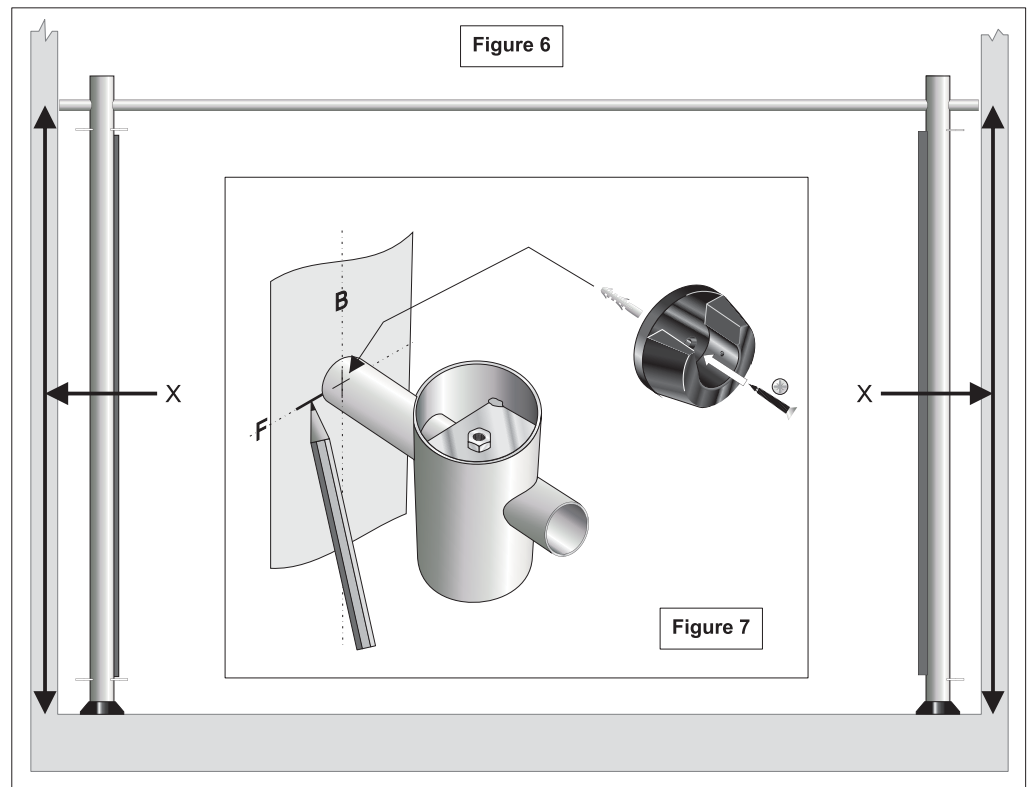


Figure 6

Figure 7

Stage 3 - Fixing the Filler Panel Brackets

Three brackets are provided for each panel. Locate and fix each with the plugs and screws provided on the same centre line "B" used for locating the Head Rail Wall Braces. **Note that the open sides face into the cubicles.**

The Brackets should be evenly spaced so that the top bracket is about 1800mm from the floor and the bottom bracket about 200mm from the floor. See Figure 8.

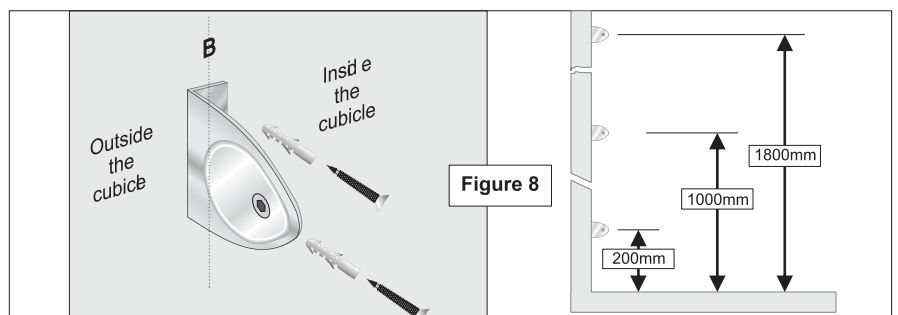
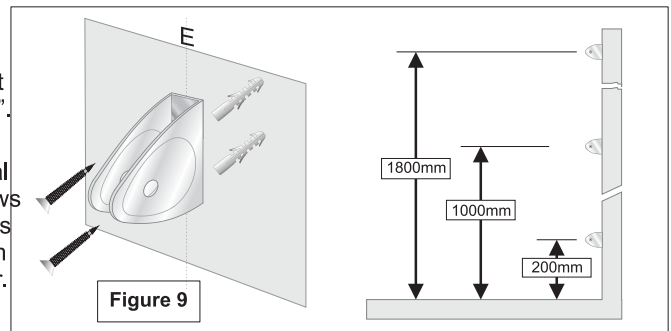


Figure 8

Stage 4 Fixing the Divider Panel Brackets

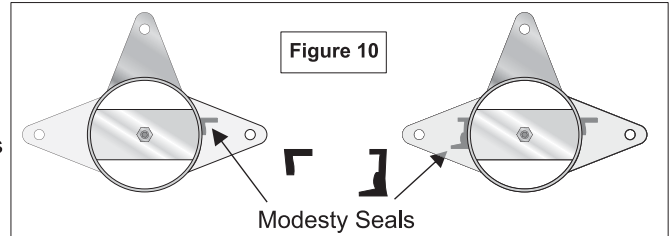
4a Divider Panels are supported by Brackets aligned vertically on centre line "E" on the back wall and a Divider Panel Floor Support which is secured to the floor on the interconnecting centre line "D". Both centre lines are shown in Figure 5.

4b Three Divider Panel Brackets are provided for the back vertical edge of each panel. Locate and fix each with the plugs and screws provided on the centre line "E" as shown in Figure 5. The Brackets should be evenly spaced so that the top bracket is about 1800mm from the floor and the bottom bracket about 200mm from the floor. See Figure 9.



Stage 5 Fixing the Columns and Header Rails

5a Feed the Head Rail through the Columns which have been arranged so that the projecting hinge leaves are correctly located and as shown in the Cubicle Plan viewed from above. Note that there are vinyl Modesty Seals which run vertically down the sides of columns against which the doors engage when closed. Figures 10 and 11 illustrate the view for a left hand hinge configuration viewed from the front.

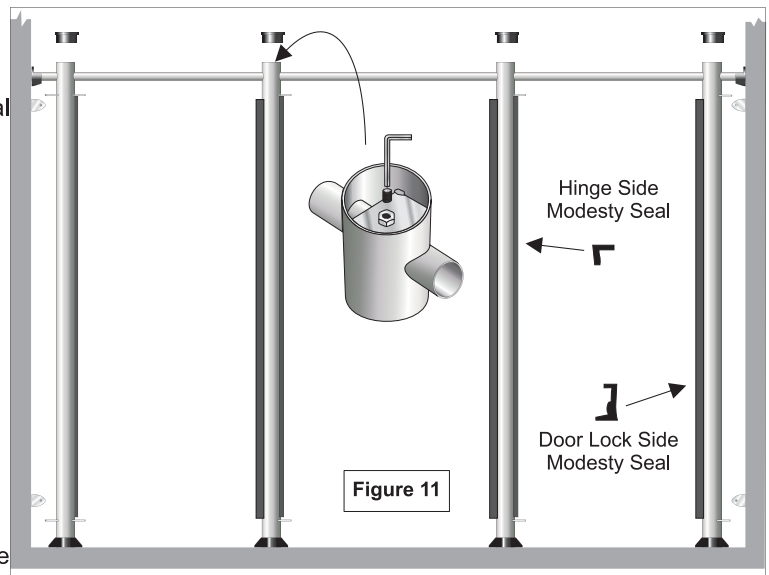


5b Lift the assembly into position engaging the bottom of the columns into the Column Base Supports and with the Head Rail sitting into the Wall Brace as shown in Figure 11.

5c Use a spirit level to check that each Column is vertical and then tighten the grub screw in the Column head to lock each column against the Head Rail and fit the column caps. See the Figure 11 inset.

5d Secure the Head Rail Wall Braces by drilling 3mm holes and using the provided self-tapping screws.

5e Please note that Island configurations have ceiling height corner pillars and top fixing devices, for which separate instructions and fittings will have been supplied where appropriate.

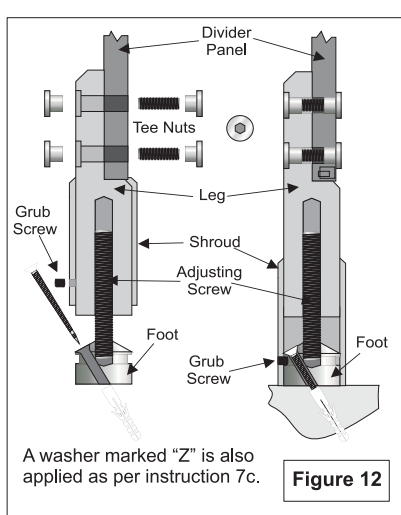


Stage 6 Fixing the Divider Panels

6a Before the panel can be lifted into position, the Divider Floor Support must be fitted. It has four main parts.

6b Mark a vertical centre line on the Divider Panel and drill two 8.5mm dia holes and using the "Tee Nuts", fit the Support as shown in Figure 12.

6c Loosen the grub retaining screw in the shroud and raise it up to access the adjusting mechanism of the leg. Screw the foot up into the leg as far it will go.



6d Refer to Figures 12 & 13 for stages **6e** to **6K**

6e The Divider Panel can now be offered up and into the wall mounting brackets described in Stage 4, **but note** that the top and bottom edges of the Panel have 5mm diameter holes drilled at one end only and must face towards the front of the cubicles.

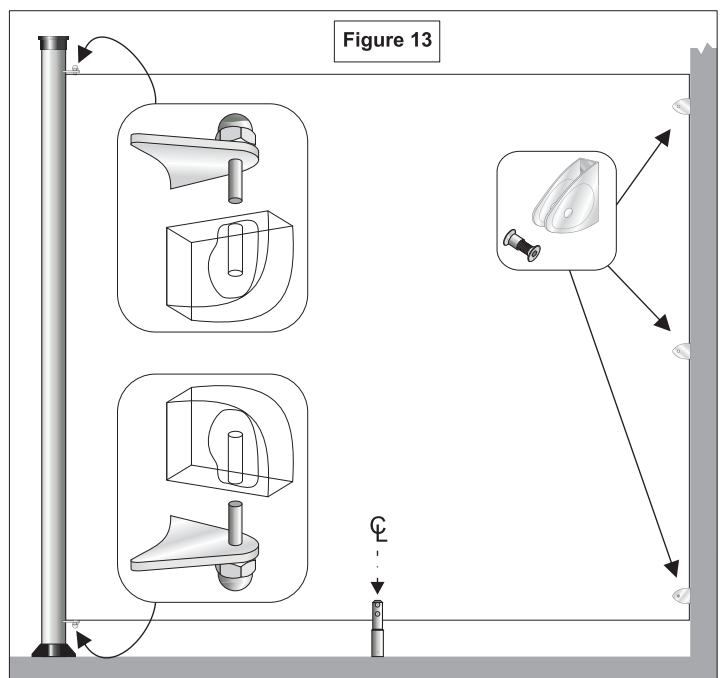
6f Use a temporary support under the lower edge of the panel to set it to the required floor clearance.

6g With the lower front edge of the panel resting on the Column Hinge Leaf, pass the dome headed bolts through the upper and lower Hinge Leaves into the holes in the Divider Panel and fully tighten

6h Using the holes in the Divider Brackets as a guide, (as fitted in Stage 4), drill 8.5mm holes through the panel and secure the joints with Tee Nuts.

6J The foot in the leg can now be adjusted down to the floor level until it takes the weight off the temporary support. It can now be secured to the floor by drilling a 45mm deep hole into the floor through the angle hole in the foot with a 5.5mm masonry drill and using the plug and screw provided.

6k Lower the shroud in the leg until it is resting on the floor and secure using the grub screw on the side of the leg.



Stage 7 Fixing the Filler Panels

7a As the Filler Panels are just narrower versions of the Divider Panels, they are fitted in an identical manner as per the instructions for Stage 6d to 6h, but with some minor adaptations.

7b The holes drilled in the top and bottom edges of the Panel must face the Column so that the Domed Bolts can be inserted into them through the Hinge Leaves.

7c As the Brackets are open on one side, use the holes in the Brackets as a guide and drill 8.5mm holes through the panel and secure the joints with Tee Nuts.

7d The other Paragraphs in Stage 6 need only be followed if an exceptionally wide Filler Panel and Floor Support is being supplied.

Stage 8 Hanging the Cubicle Doors

8a Each door is simply held in position on the hinge side by the use of Domed Bolts which pass through the Hinge Leaves and into holes made into the top and bottom of the door through brackets which reinforce the hinge joints.

8b When unlocked, the doors can be made to park open or closed by setting a special washer on the lower hinge before the door is hung. See the insets in Figure 14.

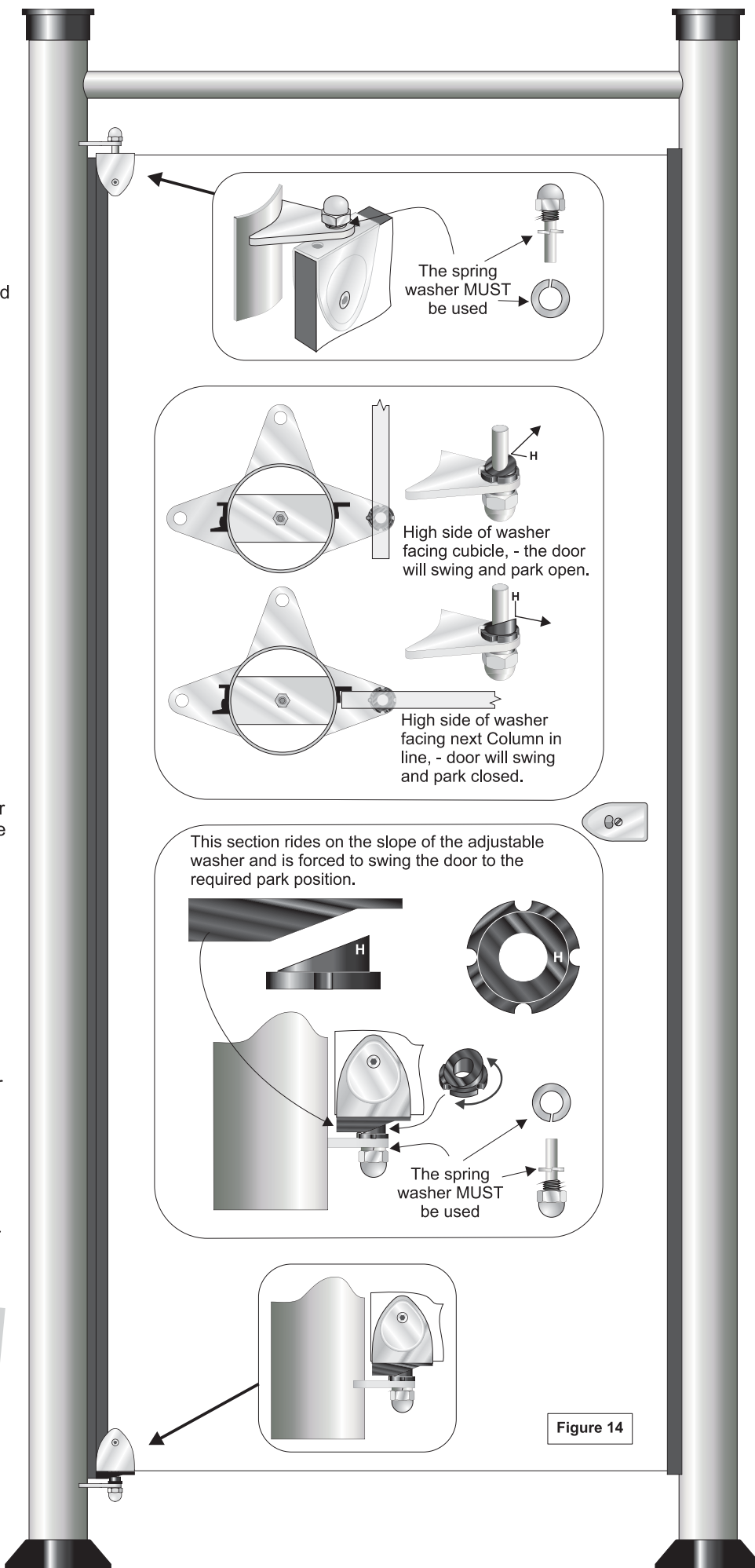
8c Assemble the lower hinge by passing and fully tightening the Domed Bolt through the steel spring washer and into lower Hinge Leaf. Locate the rotating riser washer on the hinge pin so that the high point of the riser, (marked "H" for clarity on the drawing), faces the direction the door is required to swing and park when unlocked. Lower the door onto the hinge pin.

8d Pass and fully tighten the Domed Bolt through the steel spring washer and into the door bracket and hole through the top Hinge Leaf.

8e It is imperative that the spring washers referenced in 8c and 8d are used to ensure that the doors do not become loose on their hinges

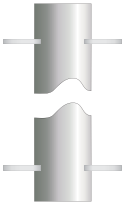


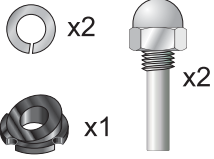

Stage 9 And finally



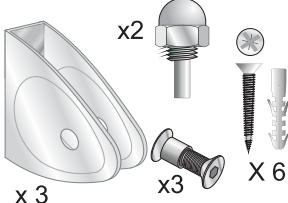
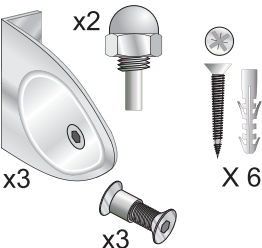
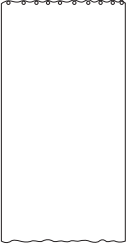
Pass onto the customer the laminated "Care, Protection and Maintenance of Stainless Steel" leaflet provided with all of the other documents relating to this Schiller Cubicle Installation.



A colour pamphlet on the Schiller Cubicle Range is available separately. It provides details of product configurations and finishes.

These pictorial references are for guidance and are not to scale.

Item	Quantity
Columns (76mm OD) 	
Column Fixing Kit 	
Doors – fully assembled 	Left hand hinge
	Right hand hinge
Door Hanging Kit 	
Filler Panel 	

Item	Quantity
Head Rail (35mm OD) 	
Divider Panels 	
Divider Panel Fixing Kit 	
Filler Panel Fixing Kit 	
Shower Curtain 	

Item	Quantity
Head Rail Wall Brace & Fixing Kit 	
Divider Panel Floor Support Kit 	
Allen Key & Drill Bits 	
Shower Curtain Rings 	Pack of 10

Comments

These instructions and component listings relate to :-

Customer

Customer Order Ref.

Excel Industries Order Ref.

Date