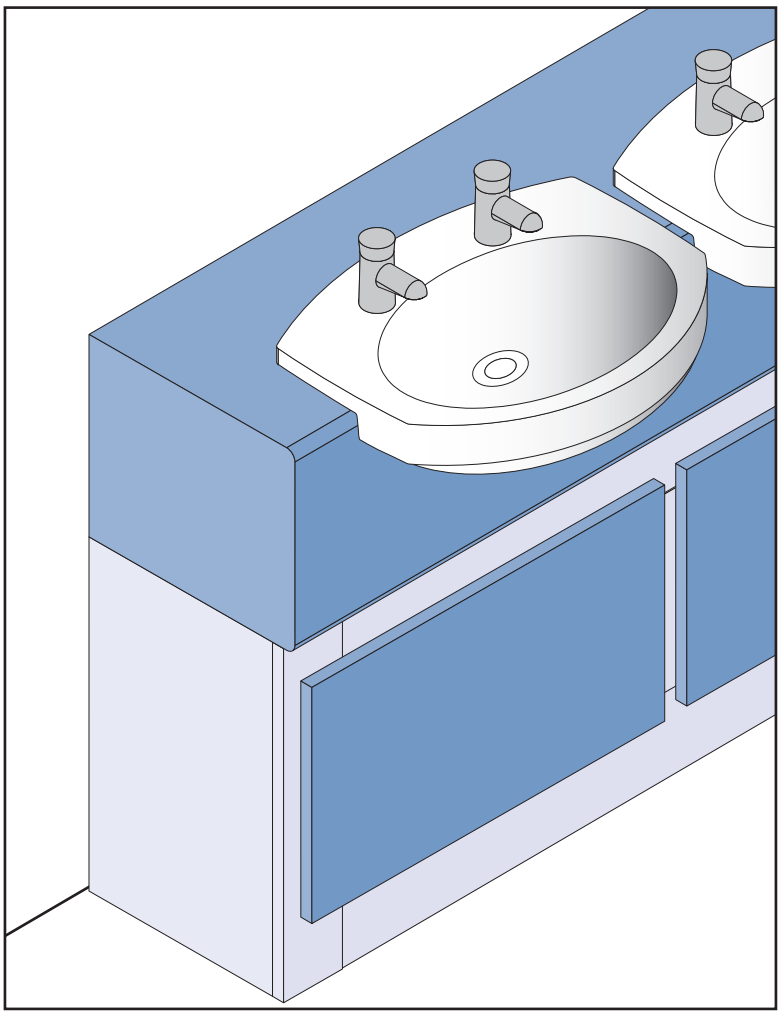
Site Made Vanity Unit

Installation Instructions



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Site Made Vanity Unit

Recommendations for 12.5mm UltraCor Material

Machining

The machining of UltraCor should be done using tungsten carbide tipped blade / cutters or metal cutting tools.

Cutting

In order to obtain a clean cut, we suggest the use of carbide tipped saw blades with trapezoidal and as many teeth as possible or a jigsaw with a metal cutting blade. However, alternating teeth can be equally suitable, but the cut will not be as clean. Best results can be obtained with horizontally fixed saws.

Precision Cutting

A clean edge without flaking can be obtained. The best quality cut can be obtained by firstly, sawing the panel slightly oversize and then re-cutting the edge to the precise measurement using a tungsten carbide tipped router cutter of the required profile running at 18,000 to 22,000 rpm.

Grooving

UltraCor can be grooved using a saw blade or router cutter with tungsten carbide tips. The depth of the groove must not exceed 1/3 of the Compact thickness.

Drilling

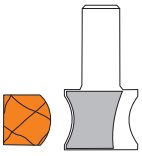
Carbide bits with 3 prongs give best results (helicoidal bits) and can be used in preference to high speed steel drills. Holes can be drilled through part of the thickness or through the whole. In the case of stopped holes, a minimum thickness of 1.5mm to 2mm of the UltraCor must remain (i.e. maximum depth of hole = 11mm). A minimum of 1mm of space must remain between the tenon, screw tip or insert and the bottom of the hole (otherwise there is a risk of the UltraCor cracking when fitting) Pilot hole diameters for self tapping screws are: 3.5mm - No.6 screw; 3.5mm - No.8 screw; 4.5mm - No.10 screw; 5mm - No.12 screw.

Cut-Outs

Square Cut-outs :- Drill the four corners with at least a 10mm diameter hole and, starting from one of the holes, use a jigsaw with a metal cutting blade, cutting in straight lines, join the holes and square into the corners. Finish with a metal file (semi-soft), ensuring that all sharp arrises are removed to avoid injury.

Oval or Circular Cut-outs :- For example, cutting a basin hole into a vanity top. Drill a single 10mm diameter hole and, starting from the hole, cut according to template using a jigsaw with a metal cutting blade. Finish with a metal file (semi-soft), ensuring that all sharp arrises are removed to avoid injury.

Resizing and re-edging previously finished Bushboard panels



We would recommend that you cut the panel as previously described and trim to size using a 'TREND' Sunk Bead Router Cutter running at 18,000 to 22,000 rpm - Part No. - 84/49x½TCT and finish with a 300 grit sand paper. Polish as described below.

Finishing edges

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

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Introduction

Solid Surface Vanity Tops are available in 2 profile options, (Semi recessed and fully integrated), 12.5mm thick solid homogeneous material with integral moulded-in-reinforcements that provide impact and thermal shock resistance. Solid Surface tops are suitable for heavy duty applications.

Prerequisites

All wall surfaces should be made true and perpendicular. All Floor surfaces should be made level.

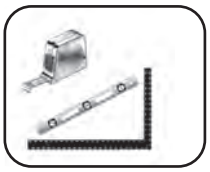
Safety

Before holes are drilled into walls we suggest that a suitable detector is used to locate any hidden electrical and water services. We advise the use of eye and ear protection whenever power tools are utilised.

Toolbox

Personal protection

Screws & rawplugs



Tape measure Level & Square

Detector

Circular saw

Cordless drill

Screwdrivers

Drill bits

Hammer/ mallet

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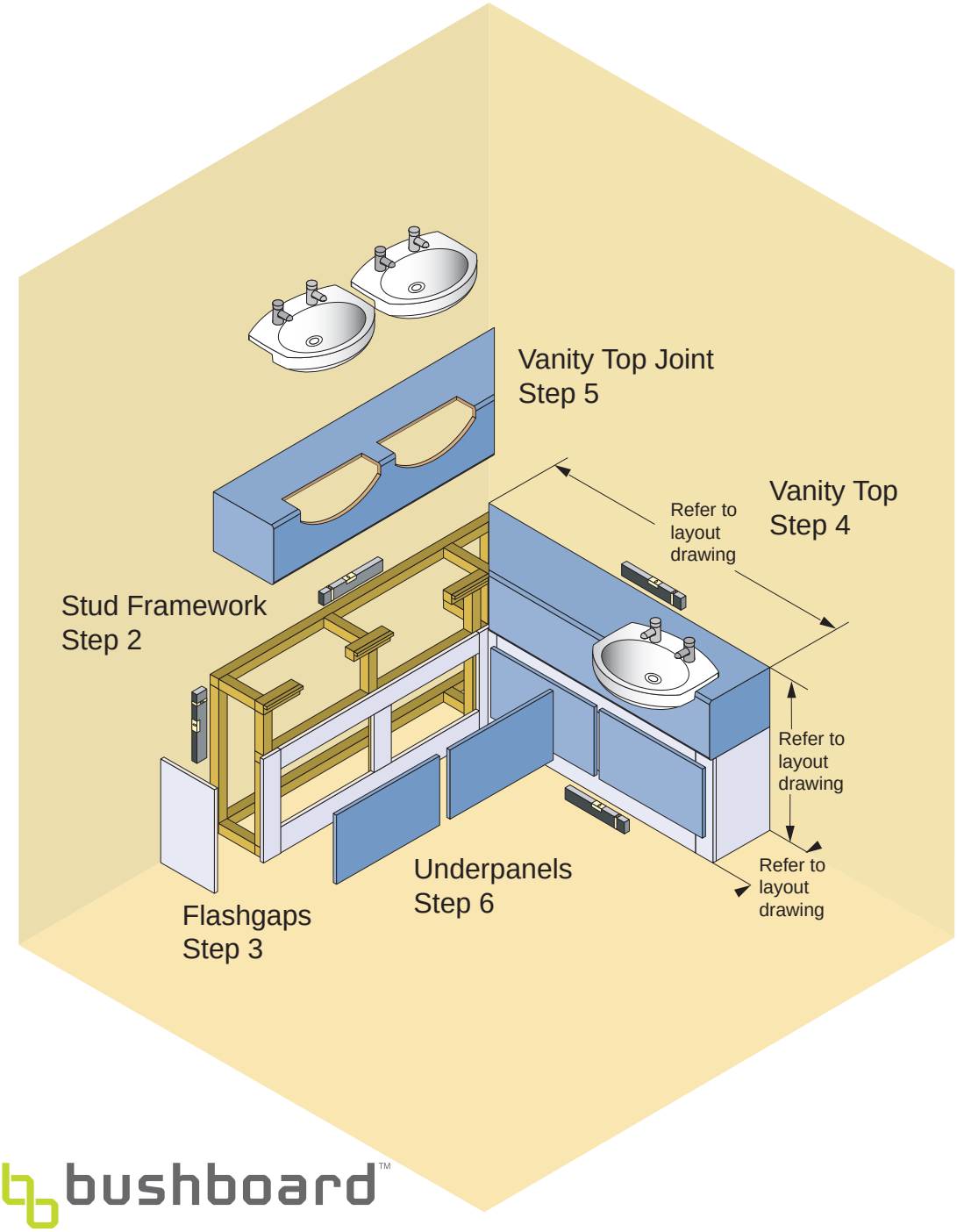
Site Made Vanity Unit **Layout & Levelling**

Step 1

- **PPE**
  Wear personal protective equipment at all times.
- **SETTING OUT**
  Use Bushboard layout drawings.
- **FLASHGAP SIZES**
  Refer to layout drawings. Adjust to suit.



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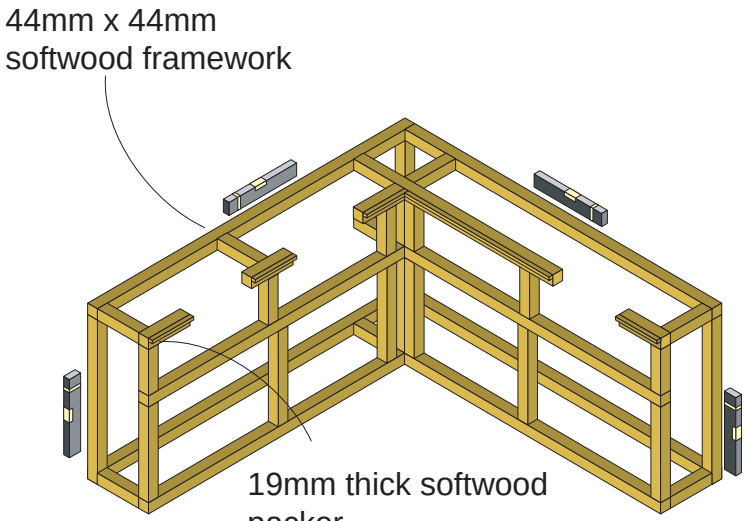
Site Made Vanity Unit **Stud Framework**

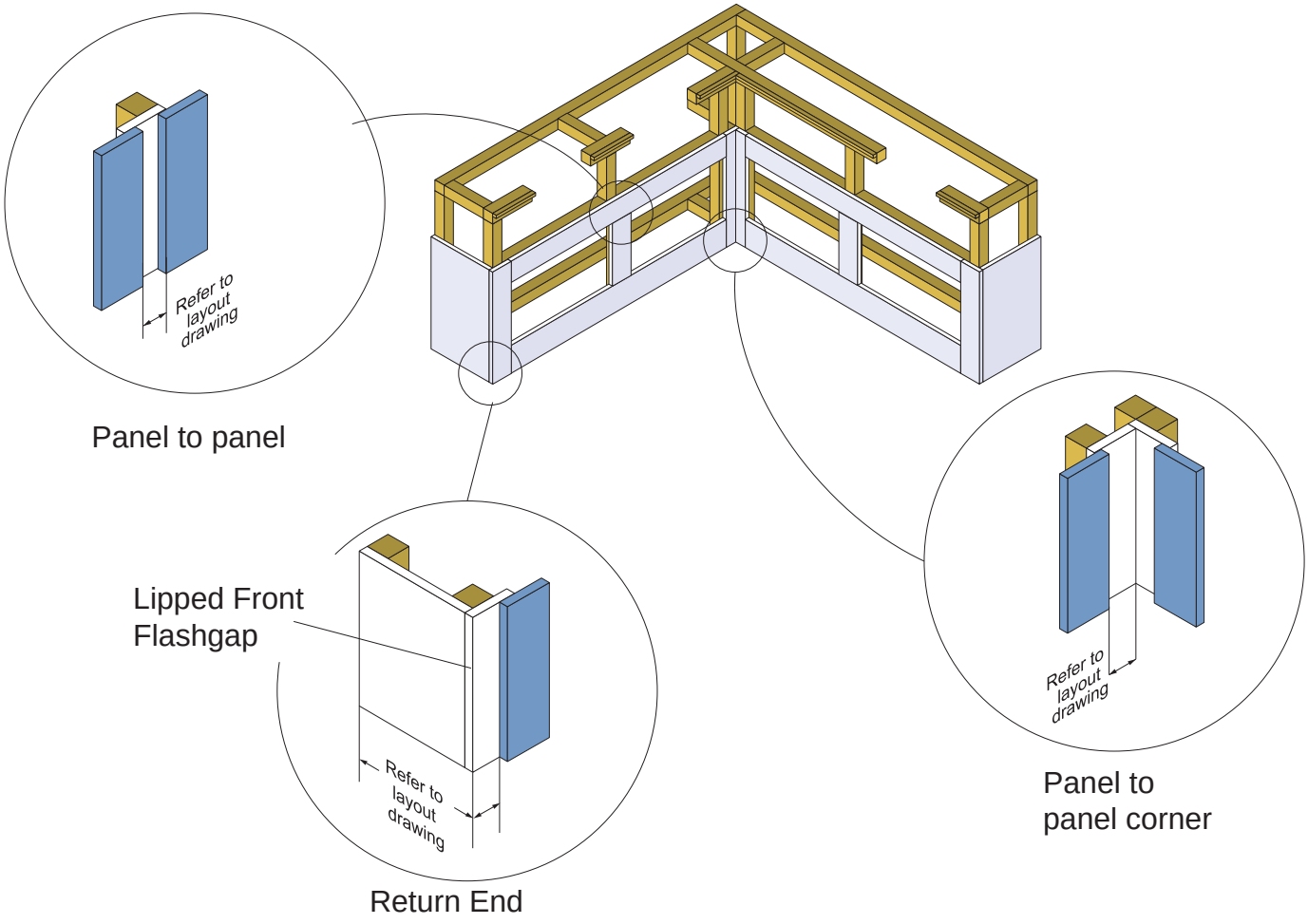
Step 2



2a

Construct Framework. Refer to layout drawings for the dimensional details. **Ensure that the framework is strong enough to support vanity unit system and any site fitted sanitary ware.**

Please Note: Construct stud frame to be as close to edge of flashgaps as possible. Refer to layout drawing for help with this.



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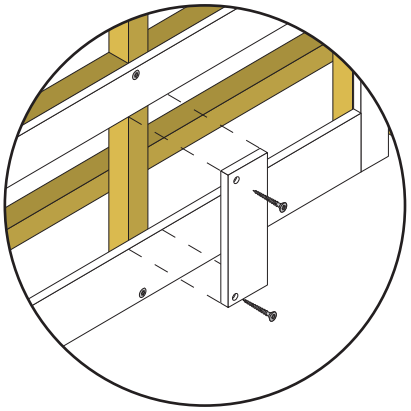
Site Made Vanity Unit **Flashgaps**

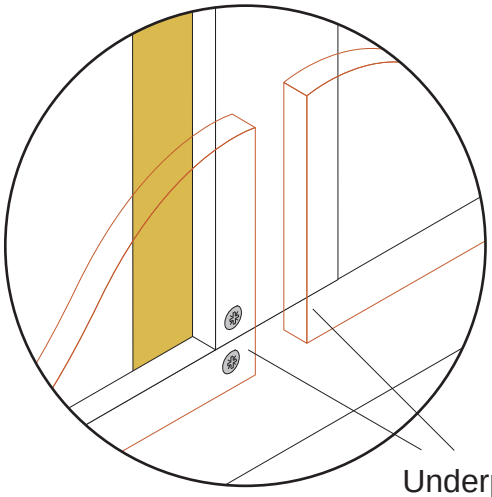
Step 3



Please Note:
Flashgaps will be supplied oversize to be cut to suit on site by others.

3a

Fit base flashgaps to stud framework, followed by vertical, horizontal and top flash-gaps. Use countersunk screws. These should be concelled when underpanels are fitted.



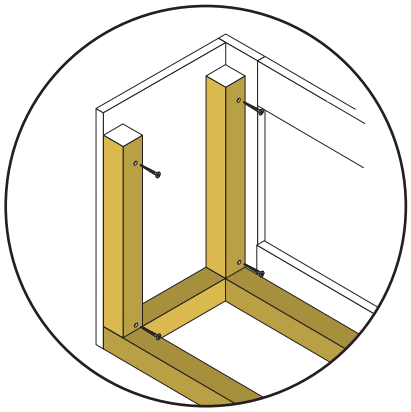
Underpanels

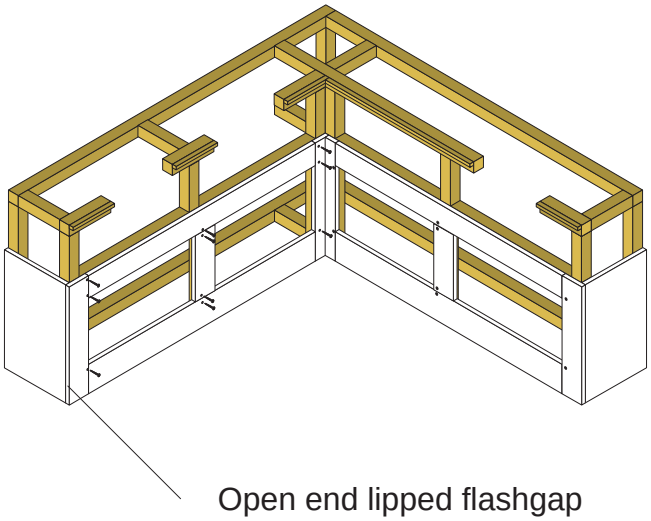
3b

Return End Flashgaps Fixing.

Cut return end flashgaps to suit. Fix return end panel behind front (open end) flashgap.

Return End flashgap to be fixed from behind or glued. (This method can also be used if required for skirting fixing).





Open end lipped flashgap with laminate lipped or dressed edge.

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Vanity Top Fixing

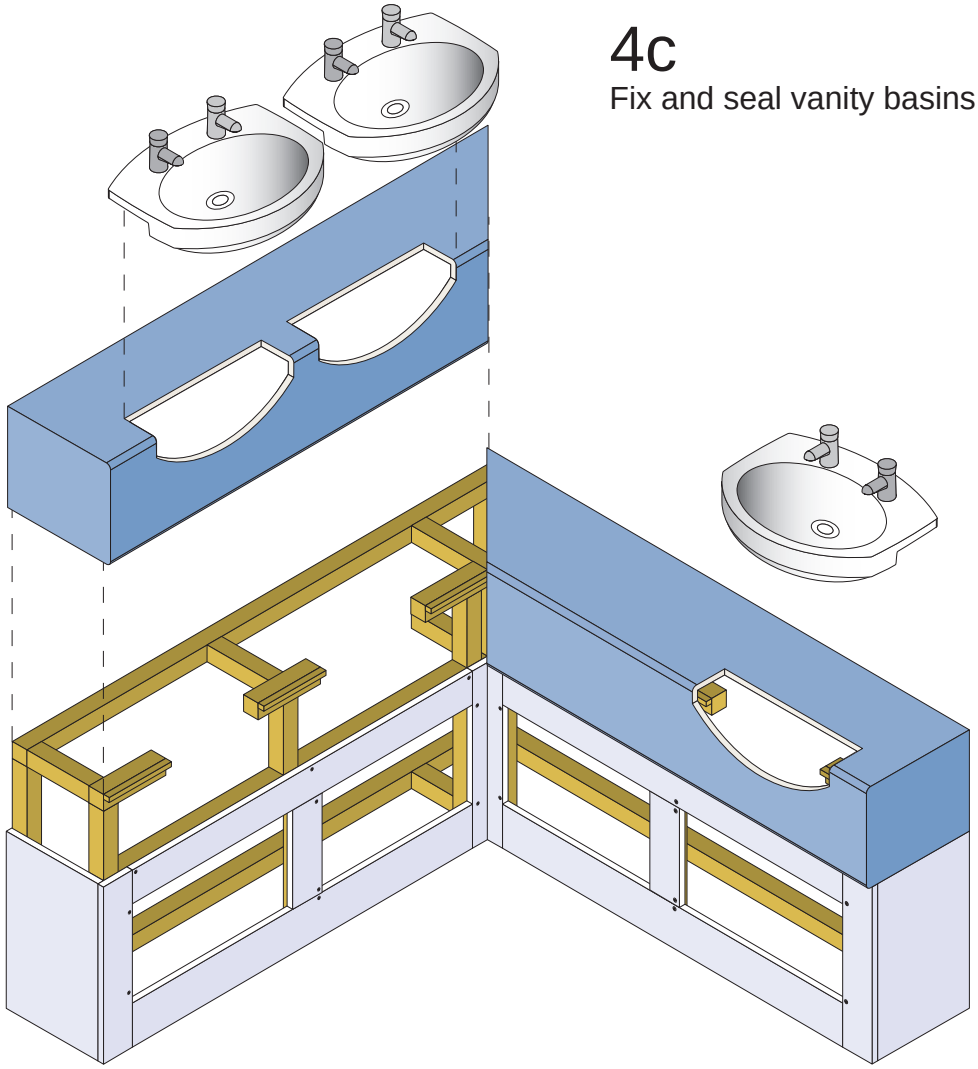
Step 4

Please Note: If vanity Top requires a joint please refer to page 8 for 19mm or page 9 for 12.5mm

4a
Cut out vanity top to suit vanity basin using template supplied with basin, refer to page 2 for recommendations for 12.5mm UltraCor material.

4b
Fix and secure vanity top to stud framework.

4c
Fix and seal vanity basins to top.



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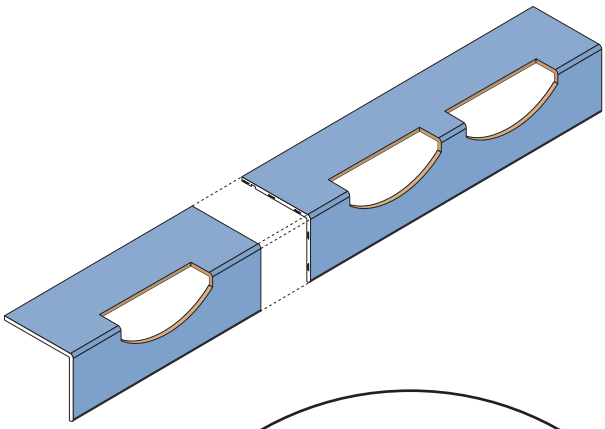
Step 5

DriCor Plus Vanity Top Jointing & Fixing



5a

Cut out vanity top to suit basins using template supplied with basin.

Do Not fix basins at this stage.

5b

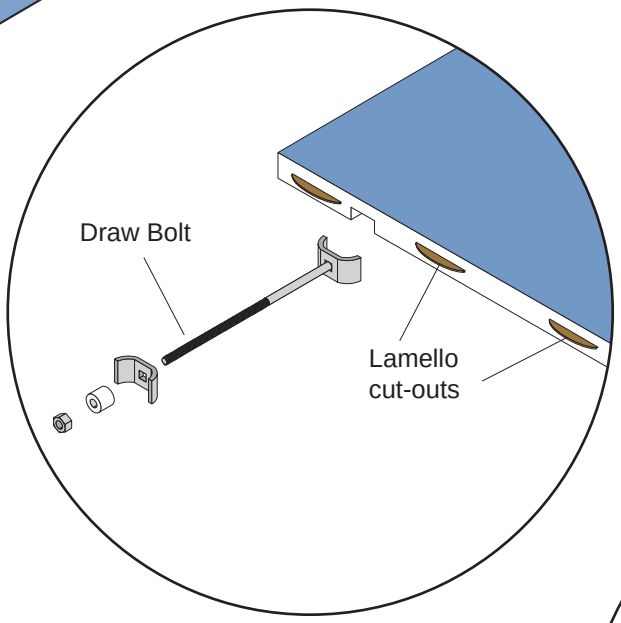
Jointing Vanity Top.
Apply an appropriate sealant to lamello cut outs and both edges of vanity top.

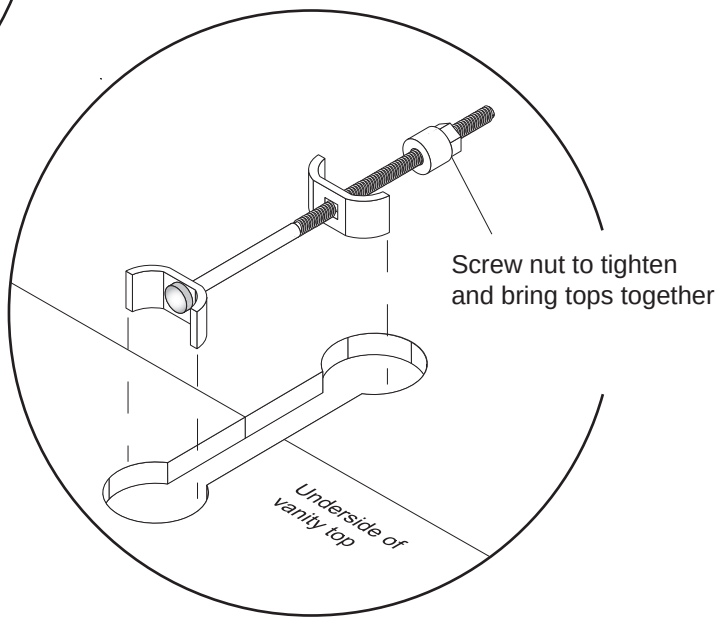
5c

Insert draw bolt and bring tops together using draw bolt provided.

5d

Remove excess glue/ sealant.





5e

Fix and secure vanity top to stud framework.

5f

Fix and seal basins to vanity top.

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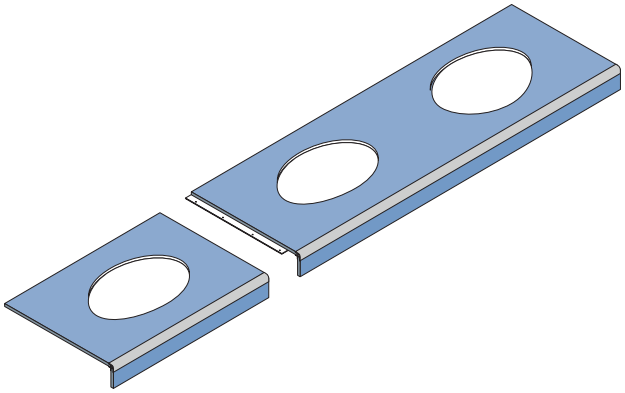
UltraCor Vanity Top Jointing & Fixing

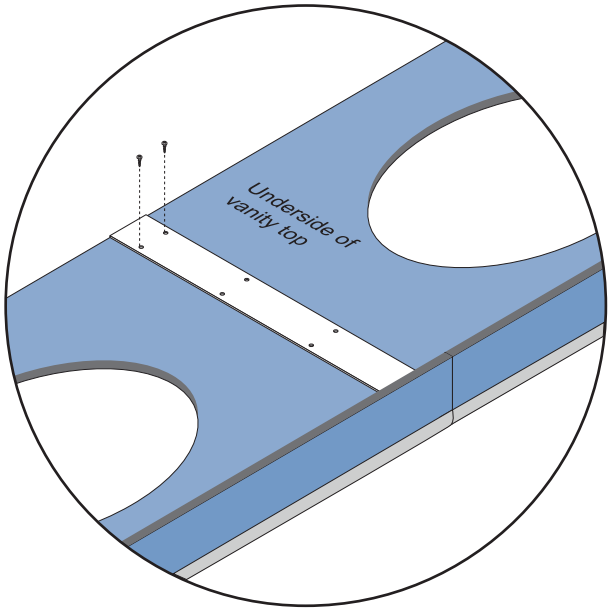
Step 5

5g
Cut out vanity top to suit basins using template supplied with basin, refer to page 2 for recommendations for 12.5mm UltraCor material.

Do Not fix basins at this stage.

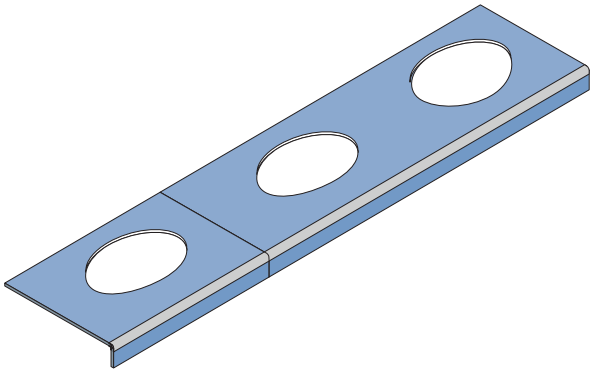


5h
Jointing 12.5mm UltraCor Vanity Top
Apply an appropriate sealant or silicone to both edges of the vanity top and apron.



5i
Bring the top together by fixing through the aluminium plate and on to the underside of the pre-drilled holes in the underside of the top. Use No.8 x 3/4” pozi screws.

5j
Remove excess sealant/ silicone.



5k
Fix and secure vanity top to stud framework.

5l
Fix and seal basins to vanity top.

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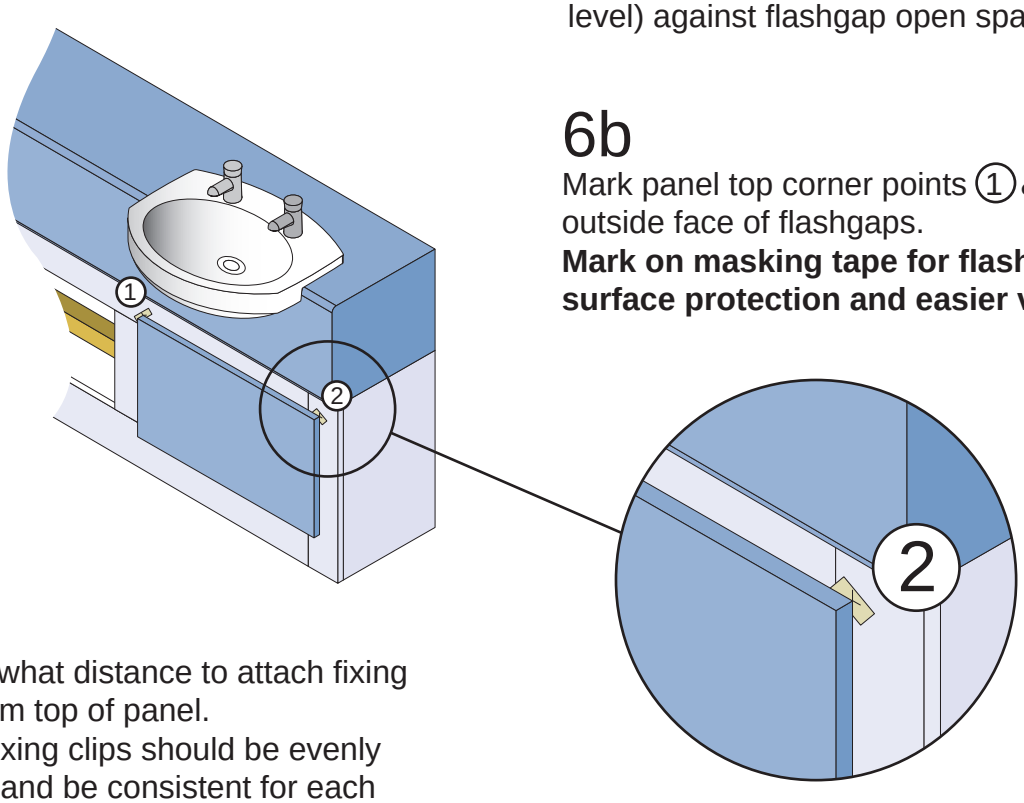
Step 6

6a

Place panel in required position (and level) against flashgap open space.

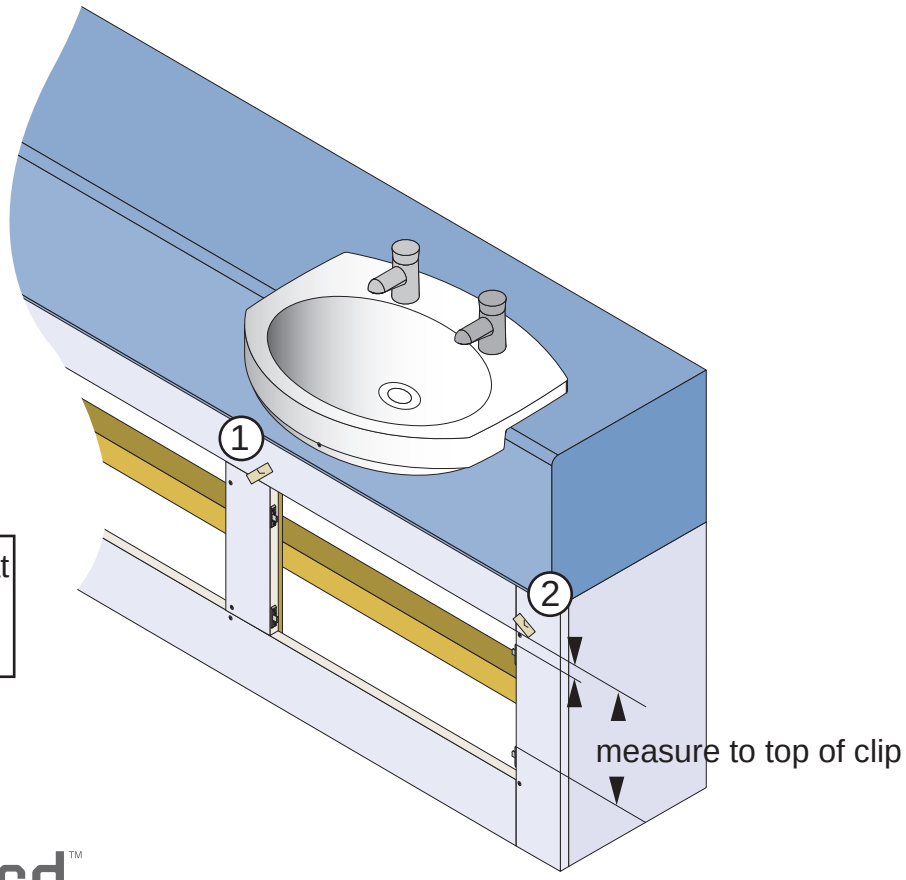
6b

Mark panel top corner points ① & ② on outside face of flashgaps.
Mark on masking tape for flashgap surface protection and easier viewing.



6c

Decide what distance to attach fixing clips from top of panel.
Note: Fixing clips should be evenly spaced and be consistent for each side of the underpanel.



Please Note: We do recommend that all the plumbing work is complete before underpanels are fitted.

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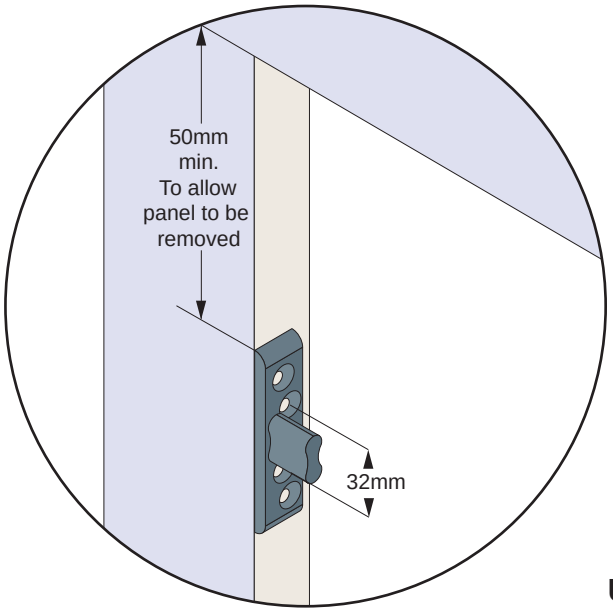
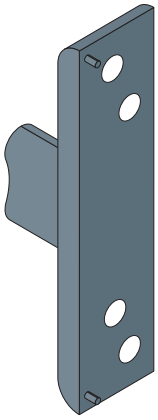
Step 6

6d

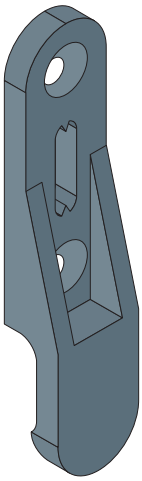
Fix clips to inside edge of flashgaps. Hand tighten - **Do not use power drill**. Fixing clip distances should be evenly spaced and be constant for each side of the panel.

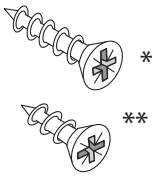




Please Note:
On 12.5mm board, line-up pegs with edge of flashgap back.

Upper Clip.





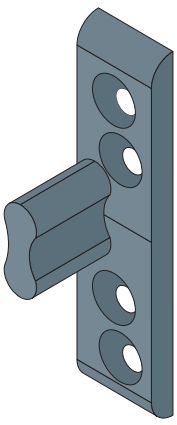
Upper Clip

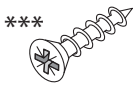
* No. 8 x 3/4” pozi csk screw for **19mm board.**
(2mm dia pilot hole, max. 17mm deep).
No. 8 x 1/2” pozi csk screw for **12.5mm board.
(3.5mm dia pilot hole, max. 11mm deep).

Lower Clip

*** No. 8 x 3/4” pozi csk screw for both **12.5mm and 19mm board.**
For **19mm board.**
(2mm dia pilot hole, max. 17mm deep). .
For **12.5mm board.**
(3.5mm dia pilot hole, max. 11mm deep).
19 &12.5mm hole positions indicated on clips as 19 (for 19mm) and 13 (for 12.5mm)

Lower Clip.





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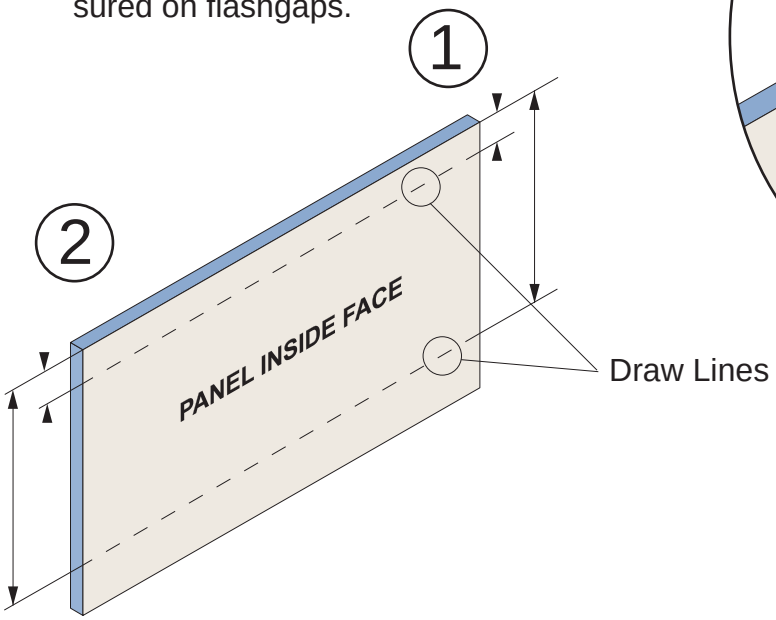
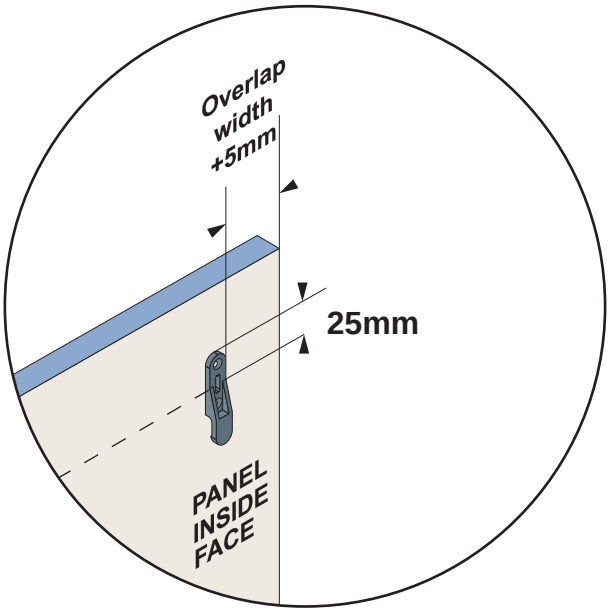
Step 6

6e

Mark upper clip positions on inside face of front panel. They must correspond with those distances measured on flashgaps.



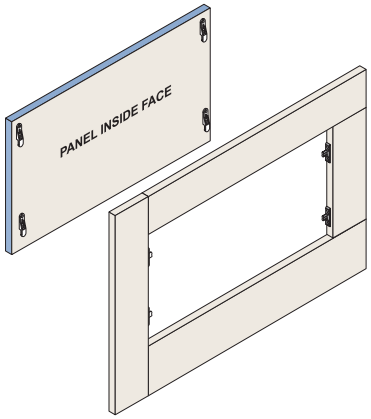


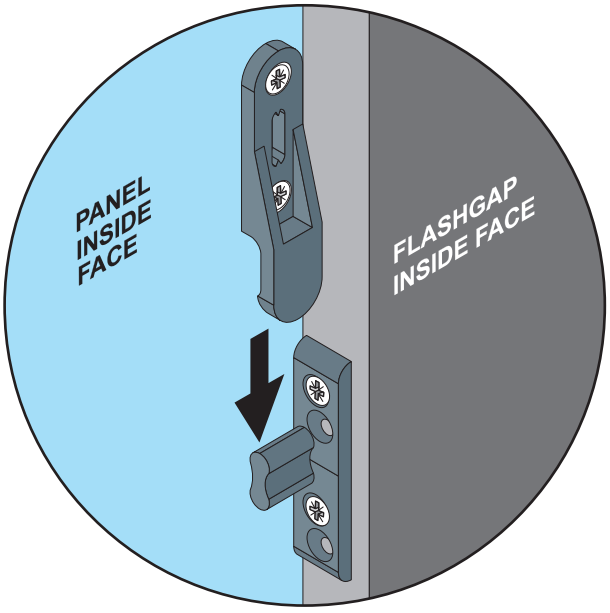
6f

Fix upper clips to inside face of panel. Clips should be at overlap width plus 5mm from each panel edge. The top of each clip should be 25mm up from the lines drawn in 6e.

6g

Remove all masking tape from flashgaps and panel. Secure panel to flashgap by pushing in and sliding down. Upper and lower parts of fixing clip sets should then connect.





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