

APOLLO SLAB TECH® WORKTOPS INSTALLATION INSTRUCTIONS

apollo
LUXURY FOR LESS
slab tech
20mm & 30mm thick solid surface

Apollo Slab Tech® Worktops

Installing Apollo® Slab Tech Worktops is easy. If, for example, you have previously fitted a similar product then these simple to follow instructions will enable you to successfully install Apollo Slab Tech®.

Please read these instructions thoroughly before commencing installation. Ensure that you read, understand and follow Health & Safety Guidelines carefully.

Comprehensive video clips demonstrating installation and general Care & Maintenance are available at sales@sheridan-uk.com



About Apollo Slab Tech® Worktops

Slab Tech®: Solid 20mm or 30mm thick Homogeneous surface.

Slab Tech®: Warm and inviting to the touch.

Slab Tech®: All of the attributes of Solid surface with the desirable appearance of Quartz.

NSF Certified products.

Non porous and easily maintained

Excellent impact resistance

Scratches and marks may be polished out

Easy to install for any recognised kitchen installer or even DIY specialist!

Tested to FIRA industry standards.

Materials backed by a 10 year manufacturer's limited warranty – for further details see the web site www.sheridan-uk.com.

To View Installation Videos, and to see or download Installation Guides and Care & Maintenance Guides, see the web site www.sheridan-uk.com and on the home page, scroll down and click on the icon "Installation Video download Library and follow the instructions – see image on the right.



Apollo Slab Tech® Product Specification

Apollo Slab Tech Worktops

- Available in a variety of styles and sizes:
 - 20mm or 30mm thick Solid Homogeneous Worktop material.
 - No Chipboard Core or MDF Sub Frame to be affected by moisture.
 - Easily Trimmed to size and can be re-finished to suit
 - Easily installed with inconspicuous joints for a seamless appearance
 - Curved End Corner Jig and Radius Jig available.
 - Note: The Illustration is for a beveled front edge profile that is easily produced by any competent installer—
Slab Tech worktops are supplied with a plain square edge profile to make joints very simple – they can be easily profiled on site to suit the customer's requirements using a hand router.

Solid
20 or 30mm
Thickness



Health & Safety

PRODUCT WEIGHT

Note that this product is significantly heavier than most other types of worktop – 30mm Laminated worktops weigh 20.5 Kg per square metre: Slab Tech worktops weigh 52.5 Kg per square metre!

SITE DO's & DON'Ts

- DO** ensure that worktops are clean and free of dust, dirt etc.
- DO** use polythene sheets and dust covers to protect all appropriate areas.
- DO** work outside on worktops wherever possible, to limit amount of dust inside building.
- DO** Use Trestles and a Workbench to fully support the Worktops.
- DO** seal doorways of adjoining rooms when working indoors.
- DO** screen off the cutting area with plastic sheeting.

HEALTH & SAFETY DO's & DON'Ts

- DO** ensure adequate ventilation to enable dust and fumes to escape when working indoors.
- DO** wear Heavy duty work gloves when handling worktops.
- DO** wear a Dust Mask when polishing or cutting.
- DO** wear Ear Defenders when working with tools and machinery.
- DO** wear Safety Spectacles when cutting or grinding.
- DO** secure work pieces. Use clamps to hold down work pieces when practical.
- DO** keep children and visitors away from the work area.
- DO NOT** lift or carry worktops without help.

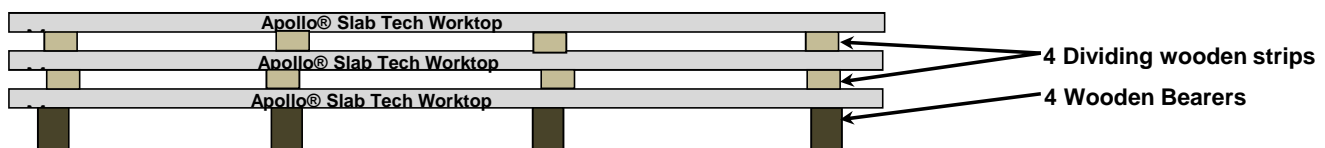
Handling & Storage

Handling

- Do:** Always carry your worktops on their edge, they should be lifted and handled by at least 2 people – please check the yellow label on the worktops for this information. This will prevent the worktops from bowing and cracking under their own weight.
- Do:** Handle the worktops as little as possible, they are very heavy and the edges can be easily damaged by their own weight.

Storage

- Do:** Prepare the storage area for your delivery, it should be a dry room at normal room temperature (18 - 20°C), away from direct heat sources and damp floors or walls.
- Do:** Store worktops flat on at least 4 equal thickness support bearers (see above) – keeping the worktop vertical on edge, lower one edge carefully onto the bearers and then let down the other edge flat onto the bearers.
- DO NOT:** Store in an outhouse, shed, damp garage or any room that is not weather proof, with an unstable temperature, or in an unoccupied property.
- DO NOT:** Store vertically, on edge or directly on the floor, this will cause the worktops to bow and distort.



- Do:** Acclimatise the worktops to their installed room 24 – 48 hours before installation – move the worktops into or next to the installation site and unpack, store flat on the floor as before but with dividing bearers between each worktop to allow good air circulation.
- DO NOT:** Install in any room that is freshly plastered, with any residual damp or that is unheated.
- DO NOT:** Install in any newly built unoccupied property unless it is properly heated and ventilated.

Designing Your Worktop Layout - Not Veined Colours

Careful planning is the key to successful installation. If possible begin planning with a pre-site survey. When designing your Worktop Layout, you should start by establishing where the Sink and other appliances will be installed and then the corner from where you will start to install each of the worktops, from this you can plan where the joints between each of your worktops should be – please see Fig. 1 for a common kitchen layout.

•When planning your worktop layout:

- Ensure joints do not fall on or within 100mm of cutouts
- Ensure cutouts are at least 50mm from worktop edge
- Joints in worktops should fall on a carcass end not in the middle, this gives added support to a joint
- Each worktop requires an expansion clearance (to the wall) of 1mm for every linear metre of worksurface (i.e. 3mm for a 3 metre length)
- Slab Tech® worktops should not be planned to have overhangs greater than 300mm.
- Allow at least 120mm between heated Cut Outs.
- Allow at least 50mm behind an electric hob or 120mm behind a gas hob to the front of any Splashback that is over 100mm in height.
- All worktops over gaps between floor cabinets (i.e. for appliances) greater than 600mm long, must be supported with suitable wall battens to add support and stop bending under load
- All worktops over spaces unsupported by the floor cabinets greater than 600mm long (i.e. some Sink and Corner Cabinet designs) must have additional support along the walls using suitable wall battens

•Issues to avoid:

- Joints above appliances are not acceptable.
- Joints above gaps or spaces are not acceptable.
- Joints within 100mm of a Cut Out are not acceptable.
- Unsupported gaps or overhangs.
- Where fitting over two adjacent appliances is unavoidable, always fit an End Support Panel between the two appliances – see Fig 2.
- Corner joints should never be mitered into the corner.

Slab Tech® Worktop Joints

- Always use plain butt jointed corners and add any simple edge profiles after the joints are finished.
- If a large or complex edge profile is specified, use a Masons Mitre joint without the loose tongue.

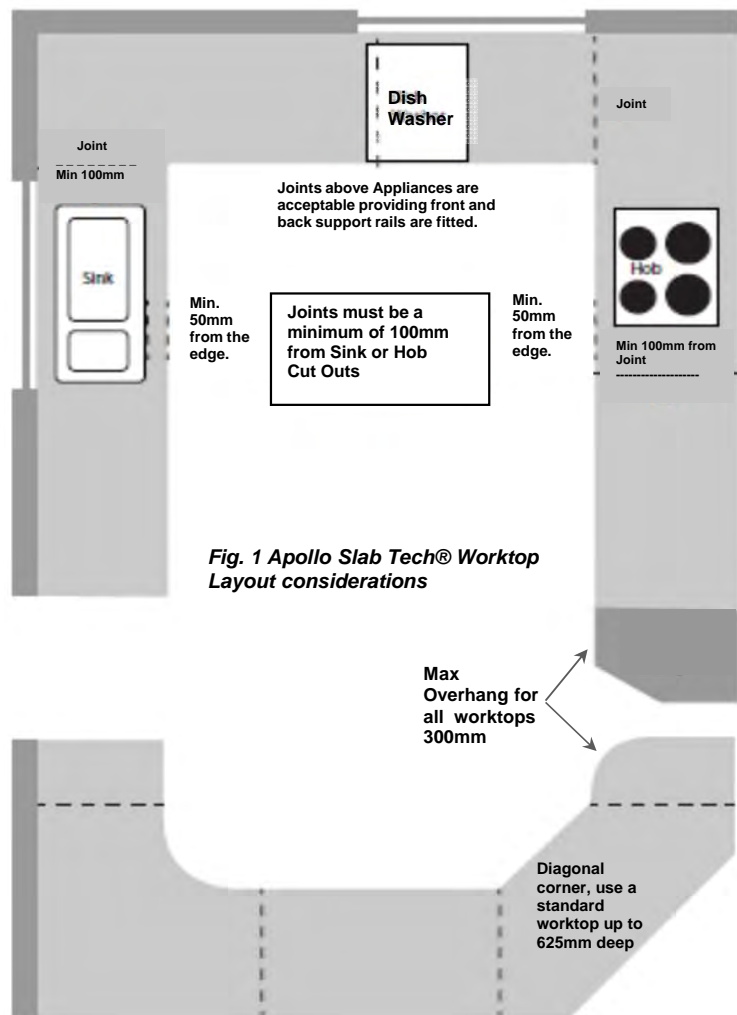
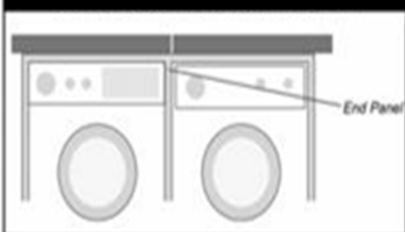
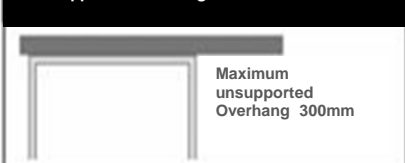


Fig. 1 Apollo Slab Tech® Worktop Layout considerations

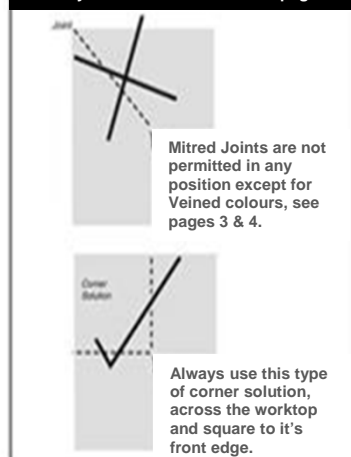
Try to avoid planning two appliances together. If unavoidable, fit an intermediate end panel



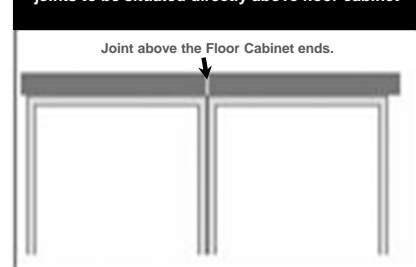
Unsupported overhangs should never exceed



Corner Joints should never be mitred. Always use a corner solution as page 6



Where possible, for correct support, plan all joints to be situated directly above floor cabinet



Designing Your Worktop Layout - All Horizontal Veined Colours

Slab Tech Veined colours have a directional design running along the length of the Slabs, described as "Horizontal Veins", having a similar appearance to some natural Marbles and Granites. This design will show a greater variance in colour and contrast and therefore joints will be more visible than with other designs.

Veined colours should use standard Butt Joints in all corners to create natural looking joints as you would have in Marble and Granite installations.

Place your tops roughly in the layout of the finished installation and rotate and swap the pieces around to create the most pleasing arrangement to suit your room.

•When planning your worktop layout:

- o Joints in worktops should be supported on carcass ends or Wall Battens at both Front and Back, this gives added support to a joint.
- o Ensure joints do not fall on or within 100mm of cutouts
- o Ensure cutouts are at least 50mm from worktop edge
- o Each worktop requires an expansion clearance (to the wall) of 1mm for every linear metre of worksurface (i.e. 3mm for a 3 metre length)
- o Slab Tech® worktops should not be planned to have overhangs greater than 300mm.
- o Allow at least 120mm between heated Cut Outs.
- o Allow at least 50mm behind an electric hob or 120mm behind a gas hob to the front of any Splashback that is over 100mm in height.
- o All worktops over gaps between floor cabinets (i.e. for appliances) greater than 600mm long, must be supported with suitable wall battens to add support and stop bending under load
- o All worktops over spaces unsupported by the floor cabinets greater than 600mm long (i.e. some Sink and Corner Cabinet designs) must have additional support along the walls using suitable wall battens

•Issues to avoid:

- o Joints above appliances are not acceptable except as shown in *Figure 1* on the right.
- o Joints above gaps or spaces are not acceptable.
- o Joints within 100mm of a Cut Out are not acceptable.
- o Unsupported gaps or overhangs.
- o Where fitting over two adjacent appliances is unavoidable, always fit an End Support Panel between the two appliances – see Fig 2.
- o Corner joints should not be mitred into the corner except for diagonal worktops as shown in *Figure 1* on the right..

Slab Tech® Worktop Joints

- o Always add any simple edge profiles after the joints are finished.
- o If a large or complex edge profile is specified, use a

Fig. 1 Apollo Slab Tech® Veined Worktop layout considerations

Standard Butt Joints used in most corners will create natural looking joints similar to those in Marble and Granite installations

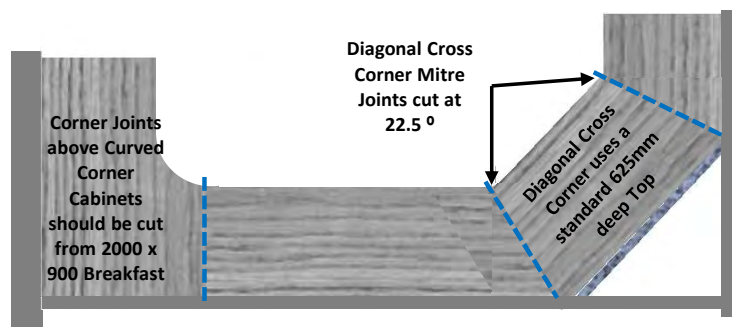
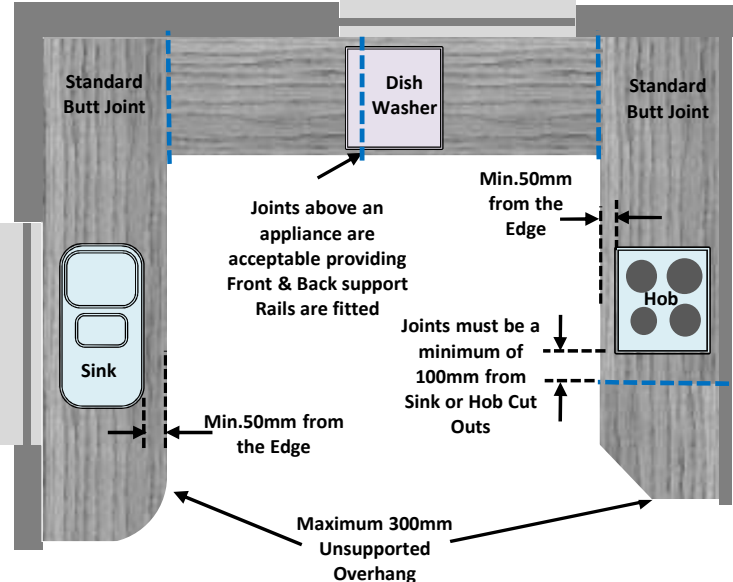


Fig. 2b. Apollo Slab Tech® Worktops with Veined colours, Curved Corner Joint Layout and material requirements .

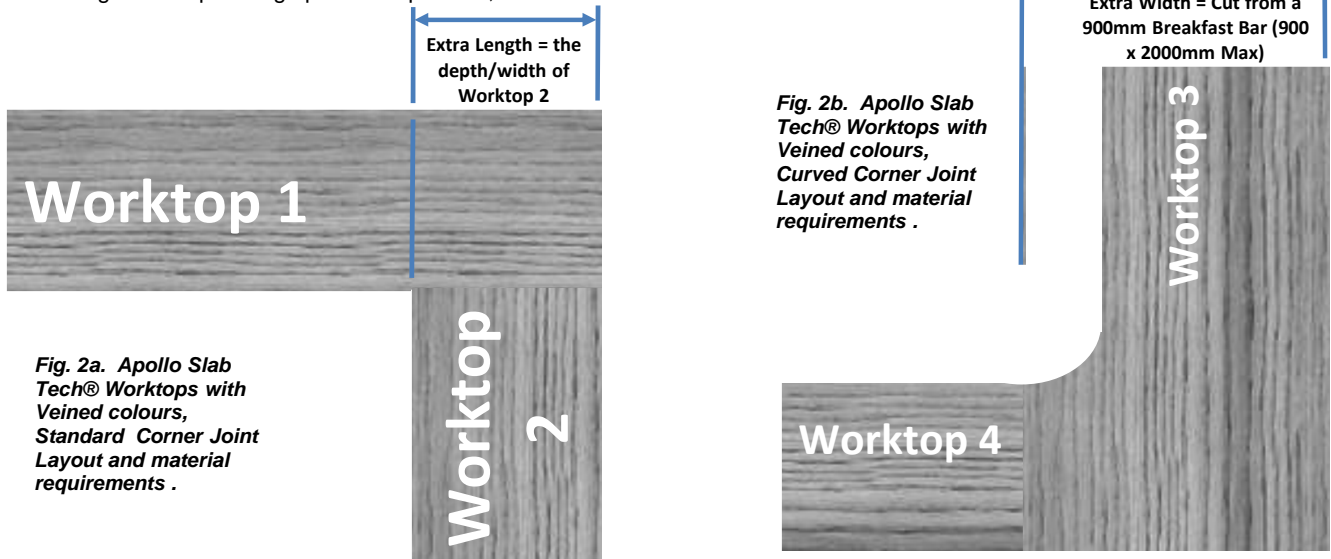


Fig. 2a. Apollo Slab Tech® Worktops with Veined colours, Standard Corner Joint Layout and material requirements .

Before you start to Install

Slab Tech Veined colours have a directional design running along the length of the Slabs, described as "Horizontal Veins", they will show a greater variance in colour and contrast and therefore joints will sometimes be more visible than with other designs.

- Unpack immediately before fitting and check all components for damage and colour match before commencing installation. This can be easily done by butting the components together and wiping the adjacent areas with a damp cloth.
- These Worktops are manufactured to strict tolerances but some variation in colour and texture will occur with this type of material. Should there be an unacceptable colour variance, please contact your store before commencing installation. Claims for colour variation cannot be made after installation.
- Plan how you are going to fit each top and the resulting joints, avoid both joints in the same direction in a "U" shaped layout – see section "Designing your Worktop layout" for detailed instructions.
- Level all Floor Cabinets and End Panels front to back, along the length and around corners before any measuring or installation.
- Check the site conditions and, where required, fit support battens to the walls along all gaps between floor cabinets, unsupported lengths greater than 600mm (i.e. behind Corner and Double Floor cabinets) and along the walls in spaces for appliances between floor cabinets.
- Ensure that you have the correct Colour Coordinated Glue for all joints and edging –supplied separately in 100ml Glue Cartridges, sufficient for 2 full worktop joints or 12 metres of Upstand.
- Ensure that you have sufficient sheets of Moisture and Heat Resistant aluminium membrane (supplied in the Installation Kit) to be fitted to the worktop underside above any appliance (i.e. Dishwasher or Washing Machine) or moisture and/or heat emitting objects (i.e. radiators). Claims cannot be made for swollen, cracked or distorted worktops above appliances that have not had this membrane fitted.
- Ensure that you have sufficient Moisture and Heat Resistant Aluminium Tape (supplied in the Installation Kit) to be fitted

Tools and Materials Required

GENERAL TOOLS – not supplied by Sheridan Fabrications

- Random orbital sander plus dust extraction equipment.
- Hand router: minimum of 1850W with ½"/12.7mm Colet size.
- 30mm Guide Bush
- 12.7mm x 40mm TCT Router Cutter.
- Straight Trimming Router Cutter (with a guide bearing).
- Drainer groove cutter – if required to make drainer grooves.
- Wide Chisel (minimum 1"/25mm)
- Electric saw – with fine tooth blades.
- Power planer.
- Silicon Gun

Various Jigs are available to help install Sink & Hob Cutouts and Drainer Grooves to suit your installation

SLAB TECH® INSTALLATION KIT - CONTENTS*

- Sandpaper 100, 150, 220grit
- Abrasive Pads
- Self Adhesive Aluminium Heat and Moisture membrane Foil
- Heat Reflective Tape
- Fixing Pack of Screws, Washers & Brackets

Not supplied by Sheridan Fabrications

- Silicone Sealant (Low Modulus) for sealing edges to walls and cabinets.
- Rotobond 2000 MS Polymer Sealant - recommended for

Cutting to Size

Mask off the section of worktop to be cut and mark the cutline on the masking tape.

Cut the blank to size squaring ends using router fitted with sharp, double-fluted tungsten carbide straight cutter and a straight edge or the use of an electric circular saw with a fine toothed blade (see Fig. 3).

When routing through the thickness of the worktop, to ensure a clean cut and avoid "chatter marks", make 2 or 3 passes along the cut increasing the depth of cut by 6mm with each pass until the complete thickness is cut through.

Curved corners can be achieved using the router as above



Fig. 3 Cutting to size using a Router

Scribing the Worktop to the Wall (where necessary)

The scribing process reflects the contours of uneven back walls to the worktop, allowing the correct overhang at the front of the base cabinets. It may not be necessary to scribe worktops to the walls if they are sufficiently straight.

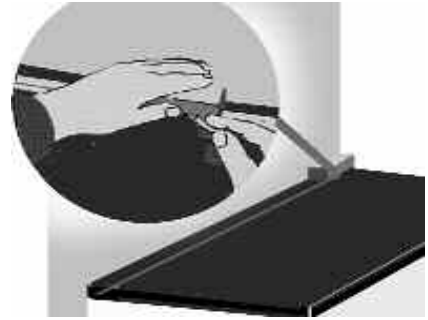
1 Place the worktop onto the base cabinets and push up against the back wall in its intended position. Measure the worktop overhang at the front of the base cabinets; this should be 30 - 35mm. If the overhang exceeds 35mm, it may be necessary to trim sufficient material from the back of the worktop to allow it to be pushed back. If scribing is necessary, follow the instructions below.

2 Apply a strip of 50mm masking tape to the worktop surface, flush with back edge of the worktop.

3 Place a small block of wood (with the width equal to the

onto the worktop surface and against the wall.

4. Place a pencil against the front edge of the block and slide the block and pencil along the entire length of the worktop, marking a pencil line on the masking tape as you proceed (see illustration right). Using this method any deviation in the wall is transferred and marked onto the worktop.



5. Working to the waste side of the pencil line, carefully

7. Hot Pipes

When hot pipes need to pass through the worktop, there should be a minimum clearance of 10mm between the cut-out and the pipe(s) in order to stop heat transfer from the pipes to the worktop and to comply with the warranty. In most cases the

Hob & Inset Sink Cut Outs

- Follow the instructions supplied with the Hob or Sink to use the supplied Template or to make a Jig from the Template that will enable you to make the Cut Out in the Slab Tech® Solid Surface and the rebated Cut Out into it's underside, or just the Cut Out in Slab Tech® worktops .

- Clamp the hob or sink jig/template in correct position onto the worktop (Fig. 8). Check that corners have correct radius for the hob or sink (some sink radii are rather large) before commencing.

- All cut-outs must be machined using a router with a bit and a 30mm guide bush, use the method described in the section "cutting to size".

Please Note: The inner edge of the Cut Out must leave 6mm clearance around all sides of the hob to stop excess heat transferring into the worktop.

- If using a Jig Saw to remove the Cut Out centre, jig saw the cut at least 10mm inside the finished inner edge line. Then using a router, remove the excess back to the inner edge line leaving a 6mm radius in all 4 corners. Remove the sharp top and bottom edges with fine sandpaper or profile the edges with a 2mm radius all round using a router.

Hob Cut Out only: see Fig. 5

Apply heat reflection tape around the entire cut out (Fig.59), ensuring that it protrudes beyond the hob flange and is in contact with worksurface and hangs straight down, heat reflection tape is required for all hot cut outs. Apply a second piece of reflective tape to all corners to ensure adequate coverage.



Fig. 4 Hob/Sink template clamped in position

Remove excess heat reflective tape with a knife

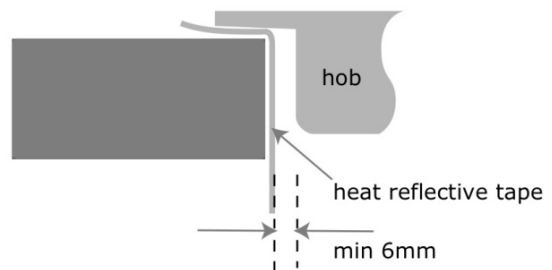


Fig. 5 Application of heat reflective tape

Fitting Inset (Top Mounted) Sinks and Hobs:

- Before installing Hobs or Inset Sinks, ensure that the top face of the worktop around the cut out is thoroughly clean and dust free then degrease using the alcohol wipes (provided in the Installation kit) and allow to dry.

- Always follow the installation instructions supplied with the Sink or Hob including sealing between the Sink or Hob and the work surface.

- If there are no instructions to seal between the Sink or Hob and the Work Surface, this must be completed as follows: - Apply a continuous bead of Rotobond 2000 or suitable Low Modulus Silicon Sealant to the flange of the sink and press into position, ensure that the bead is squeezed out continuously all along the joint line to provide a watertight seal. Following the sink

Under Mount Sinks & Drainer Grooves

Undermount Sink Cut Out:

- Follow the instructions supplied with the Hob or Sink to use the supplied Template or to make a Jig from the Template that will enable you to make the Cut Out in the Slab Tech® Worktop Surface. Clamp the hob or sink jig/template in correct position onto the worktop (Fig. 8). Check that corners have correct radius for the hob or sink (some sink radii are rather large) before commencing.
- All cut-outs must be machined using a router with a bit and a 30mm guide bush, use the method described in the section "cutting to size".

Fitting Under mounted Sinks to a Cut Out:

Please Note: If Drainer Grooves are required, they should be made at this stage, please refer to the later section "Installing Drainer Grooves" before continuing.

Using the instructions above, cut the opening in the top surface for the Under mounted Sink using the Template supplied with the sink.

The Under or Back side of the sink cut out is made next, ensuring that the worktop is fully supported and that the working surface is dust and debris free, turn it over to be face down to work on the Under or Back side.

- As before, accurately clamp the correct jig into position onto the under or back side of the worktop ensuring that the jig handing corresponds to the Cut-out handing.
- Using a hand router carefully remove 0.5mm of the underside of the solid surface material to provide a fresh clean and flat face to fit and seal the sink to.
- Confirm that the fit is correct by placing the inverted sink (s) in position without any sealant; adjust the machined "rebated" edges to suit.
- Before installing Under mounted Sinks, ensure that the underside of the exposed solid surface face of the worktop around the cut out is thoroughly clean and dust free then degrease using the alcohol wipes (provided in the Installation kit) and allow to dry.
- Apply a continuous bead of Rotobond 2000 or suitable High Modulus Silicon sealant to the flange of the sink and press into position, ensure that the bead is squeezed out continuously all along the joint line along both the inner and outer edge to provide a watertight seal. Following the sink instructions, fit (using 12mm screws) and tighten the sink clamps in the correct order and then remove excess sealant and smooth the bead then leave without moving to allow the sealant to set.
- Note: If a Waste disposer is to be fitted to an Under mount Sink, the sink will need additional independent support such that the weight of the Waste Disposer is not supported by the Under Mount Sink.

Installing Drainer Grooves:

- A Jig is available for the cutting of Drainer Grooves. The jig is designed for up to 6 grooves but you can install the quantity required to suit your sink, either using part of the jig for fewer grooves or using it in another position to add more grooves. The Jig is fitted with a spacer at one end to provide sloping drainer grooves – always position this end away from the sink.
- Place the Jig in the position that suits your needs – it is 600mm deep (the same depth as your worktop) – if you line up the front and back edges the grooves will be positioned central to the worktop. You can also vary the length of the grooves to extend them further from the sink bowl by moving the Jig either closer or further away from the sink along the worktop.
- Clamp the Jig firmly in the desired position.
- Use a hand router fitted with a 30mm guide bush and a 10mm radius (20mm Diameter) cutter, set the plunge depth to 3mm at the end of the jig with the spacer – this depth will increase as you machine closer to the sink bowl.
- Starting at the end with the spacer, plunge the router and machine smoothly along the Jig to create the drainer groove that increases in depth towards the sink – do not force the router and try to finish in one pass along each groove – this will provide a smooth finish that is much easier to sand and finish.
- Check the Jig position and clamps and repeat for all of the remaining grooves that you require.
- Follow the finishing instructions to hand sand and finish the grooves as described in the "Finishing the Joints" section later in this



Fig 6. Drainer Groove Jig clamped in position and ready to be routed.

Tap Holes:

Tap holes are drilled with a hole saw fitted with an appropriate sized cutter with fine teeth, then remove the sharp top and bottom and hole edges with fine sand paper.

Preparing the Joint

Joint Type

Apollo Slab Tech® Worktops should only be joined by means of a plain Butt Joint – the two faces of the joint are plain, flat and square to the top surfaces of the worktop.

Butt Joint Parts - see Figs. 7

A Butt Joint is made up of 2 parts with flat faces that press up against each other “cheek to cheek”, these can be a joint in a corner or to extend the length of a worktop by joining two worktops end to end.

Using the specified coloured adhesive an unobtrusive and visually seamless joint can easily be achieved with basic laminate worktop jointing experience.

Preparing a Butt joint – see Fig. 7

The mating faces of the 2 worktops to be jointed need to be prepared, using a router fitted with a standard straight Tungsten Carbide cutter and a long Straight Edge.

Position the Straight Edge so that the router cutter will skim off about 0.5 mm from the faces of the joint cleanly with no missed or inset parts of the faces.

It is not a problem if you need to remove more material to achieve a clean joint face providing the joint face of the mating piece matches it – if you create an inset or “female” joint face on the front edge of the worktop in a corner joint, allow for the other worktop to be joined to it to be correspondingly longer to maintain the required overall length of the jointed pieces. If this occurs the front edge of the jointed end may need to be slightly mitred into the inset front edge

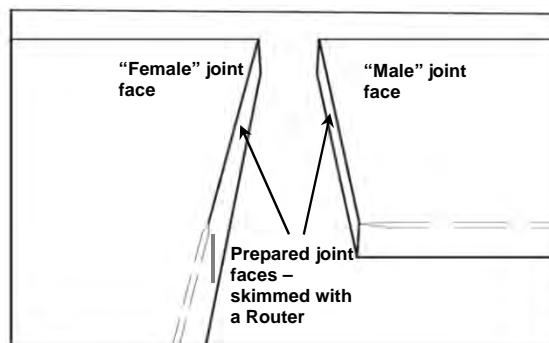


Fig.7 Joint faces showing where the material needs to be skimmed for a good unobtrusive finished joint.

These joint faces must be cleaned with an Alcohol Wipe before applying any Glue – see instructions below left.

Bonding the Joints

Worktop Joint: see Figs. 8 & 9

The key to making a good seamless joint is to ensure that both sides of the joint are perfectly mirror matched. Assemble the joint dry (without adhesive) and check that the seams are parallel, with no gaps showing, and that the two surfaces are not stepped when brought together (redress to square edge with hand router if necessary).

Apply timber blocks to either side of the seam using hot melt glue, and use G-clamps to bring them together (n.b. Do not use hot melt glue on the end grain of the timber blocks as this makes the blocks difficult to remove). Alternatively, suction cups can be used to bring the joint together.

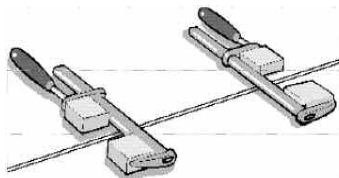


Fig.8 Timber blocks and clamps

If it is unavoidable that a joint falls over a void or over the centre of a floor cabinet, you must provide extra support under the joint line, i.e. an additional batten fitted into the floor cabinet between the front and back rail.

Before bonding the joints, it is important to ensure that the seam is free from any contamination. Immediately before applying and glue, both faces of the joint that have been skimmed and checked as above must be cleaned with an alcohol wipe (included in the Installation Kit) and allowed to dry. Do not touch the

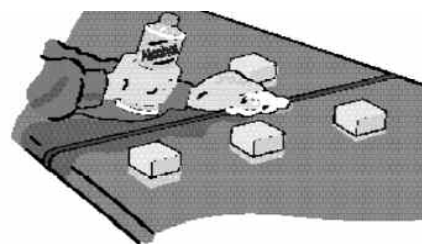


Fig. 8 Clean the seam



Fig. 9 Suction cups

Bonding the Joints

The range of Apollo Slab Tech® Worktops are supplied with a colour coordinated Glue for bonding joints and edging strips. The Glue is supplied in 100ml Glue Cartridges that are designed to be used with a standard glue gun, each cartridge is sufficient for 2 full worktop joints and is supplied with 3 mixing nozzles – if there is more than 20 minutes between each use, leave in place after use to maintain a seal then change to a new nozzle for the next use.

Important: Ensure that the glue cartridge fits flush against front of the glue gun and that the glue gun adapter fits squarely in the glue cartridge. **Always follow the instructions on the Outer Packing Bag and the Cartridge to first Equalise and then to Purge the Adhesive correctly before applying to the joints.**

Bonding the Joints

Ensure that the work area is clean and dust free to avoid contamination of the glue which could lead to a visible joint line.

Place the worktops as close to their final installed position as possible to avoid unnecessary handling after the joint is bonded together.

See Fig. 10

Apply Apollo® Magna Glue to the faces of the joint in a bead along the top and bottom edges and along the centre line. Place the tops in position on the supporting floor cabinets.

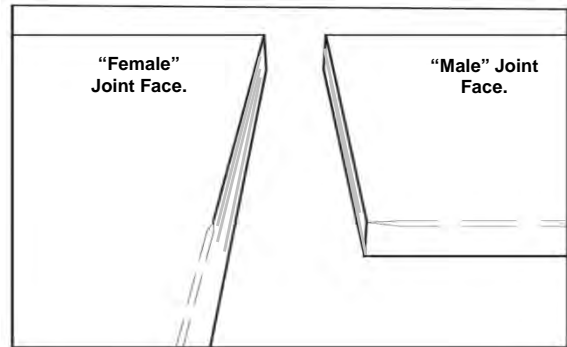
Push the two parts of the jointed worktops together leaving a small gap (2mm wide). Apply masking tape to the underside of the front edge of the worktop joint line to prevent the glue from dripping out onto the floor cabinets.

Apply a continuous bead of Glue to fill the gap into the joint line ensuring that sufficient Glue is used so that a continuous bead of Glue flows out of the joint line when the joint is clamped closed.

Apply pressure to close the joint with the G Clamps or Suction Cups, check for correct alignment and adjust before applying final pressure, check that a continuous bead of Glue has squeezed out of the joint line.

The Glue will cure to a hard consistency; this usually takes 30 to 40 minutes dependent upon the ambient temperature.

Fig. 10 Slab Tec® Joint: Glue applied along the skimmed faces of the joint.



Lines of Glue on the prepared joint faces

Finishing the Joints

Finishing the Seam (Joint Line): see Fig. 11

After the Glue has cured, remove the G clamps then, using a wide sharp chisel, remove the glue blocks and then the hot melt glue deposits – take care to keep the chisel flat to the top face to avoid digging into the surface.

The Sanding Process: See Fig. 12

Generally the use of a Random Orbital Sander will cut faster and more efficiently with a finer finish than other methods, the use of Random Orbital Sander is therefore recommended. Care must be taken to avoid gouging the surface during this process.

Ensure that the sander is kept continually moving to prevent localised dips in the surface due to over sanding.

Use the sandpaper pads supplied in the Installation Kit in the correct order of 100grit, 150grit and finally of 220 or 240 grit in order to achieve the same results as the factory finish, blending approximately 600mm beyond the Seam Area to avoid patchiness. Take care to avoid the sandpaper becoming clogged with sanded material, this can lead to localised scratches which will require more work to remove before final finishing.

Complete the finishing process using the supplied abrasive pads in the correct order of Maroon Abrasive Pad, Grey Abrasive Pad and finally the white Abrasive Pad, the White Abrasive Pad should be on a dust free surface that has been wetted with the Stone Guard Cleaner Spray.

Note, black and dark finishes:

These colours are more likely than light colours to show slight differences in surface finish when first installed. To avoid this it may be necessary to apply the final finish process (described above) to the whole worktop

Note:

If a slightly matt surface is desired, the final finishing should be completed using the Grey Abrasive Pad and Stone Guard cleaning spray, however this is not recommended for black and dark finishes because the full depth of colour will not be achieved using this method.

Note: Black and Dark finishes:

These colours are more likely than light colours to show scratches and marks in high traffic areas (i.e. around hobs, sinks and the kettle), for this reason they require a more regular maintenance regime to retain the finish and to avoid patchiness.

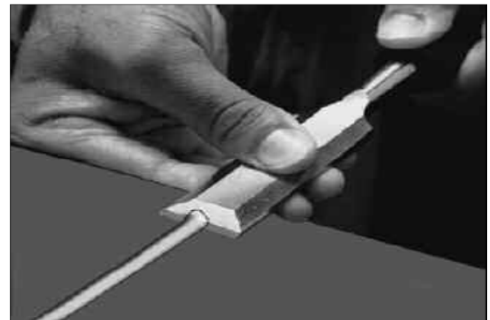


Fig. 11 Removing glue deposits



Fig. 12 Sanding using random Orbital sander

Fixing the Worktops to the Floor Cabinets

Slab Tech® Worktops: When the jointed and finished worktops are in the final position, they should be fixed in place using High Modulus Silicon underneath the tops at the intersections with the floor cabinet tops both to the front and back. The Tops may be spot silicone in place for ease of removal at a later date.

These tops can also be screwed into position as described above for the Magna® worktops but a pilot hole is required for each screw, 3mm diameter for No 6 screws and 3.5 diameter for No 8 screws – 2-3mm deeper than the screw length.

Slab Tech® Worktops: If it is necessary or more convenient to fix the tops in place by screwing through the floor cabinet Front and/or Back Rails, longer screws are required (1" or 25mm No.6 Round Head Chipboard Screws- not supplied). Drill 6mm Diameter clearance holes through the Front and Rear Rails of the cabinets, always using the supplied washers, screw through the washer and the holes in the Rails into the chipboard core of the Magna worktops and directly into the Slab Tech worktop underside using pilot holes as above.

Use this space to attach all Product Labels after the products are Unpacked

Notes:

Care & Maintenance

Care & Maintenance

Important: Please read the information carefully and ensure you keep these instructions for future reference. Also refer to the supplied Care & Maintenance DVD or download the DVD from www.sheridan-uk.com.

Replacement Care & Maintenance products are available through www.kitchenfittingsupplies.co.uk.

Looking after your Apollo Magna® and Slab Tech® Worktops

Apollo® Magna worksurfaces not only look very attractive and exude quality; they are designed to withstand the rigours of everyday use.

Upon installation an Apollo® Magna worksurface will have an overall satin sheen finish. However, through use, the worksurface acquires a smoother, more silken finish and appearance. Even the cleaning properties appear to improve with use. Unlike most other worksurfaces Apollo® Magna is 'repairable', so little accidents, stains or scratches can usually be removed with relative ease.

Your Installation & Maintenance Kit contains all of the items required to help keep your new worksurface in pristine condition.

Stone Guard is an anti-bactericidal surface cleaner specially formulated to tackle grease and grime leaving surfaces sparkling clean with a residual antibacterial effect.

Cream Cleaner is a renovating cream cleaner that will remove minor scratches and more stubborn stains from solid surface worktops.

Important: Please read and follow instructions carefully when using care & maintenance products. Always wear rubber gloves when using chemicals to prevent any cracking, drying or other reaction to your skin.

Every day cleaning

Remember, it is always easier to wipe up a spill than to have to deal with a dried-on stain.

Apollo® Magna worksurfaces are impervious to liquids however it is always best to clean up spills as they occur.

Wipe the worksurface, with a damp cloth and the Stone Guard cleaner, (supplied in the Maintenance Kit), to remove any oils and fat. Buff dry with a soft white cloth (also in Kit).

If any stains need further attention, allow the Stone Guard 30 seconds contact time, before wiping and rinsing. If required apply the Cream Cleaner with a damp cloth then the stone guard as above.

If your worksurface has an integrated sink, clean this in the same way as the worksurface.

Once a week after cleaning, fill the sink with warm, (not boiling), water; add 1-2 teaspoons (5-10ml), of liquid household bleach and leave to soak for a few hours, or overnight. This will help to maintain a beautiful white clean finish.

Persistent Stains

To remove more persistent stains from the worksurface or integrated sink use the Abrasive Pads (White, Grey & Maroon), provided in the Kit.

Always use the least abrasive pad possible to remove marks. Always rub in a circular motion.

Start with the White Pad, rubbing the stain in a circular motion. If this is ineffective, progress to the more abrasive Grey Pad and finally the Maroon Pad.

To remove any abrasion marks and to restore the worksurfaces former luster polish, use progressively less abrasive pads. Always finish by using the White Pad in conjunction with the Cream Cleaner and then the Stone Guard.

If hard water scale has built up around the waste or taps, use a standard household lime-scale remover following the manufacturer's instructions. Try to avoid using an abrasive pad but if this is necessary, rinse well and polish as detailed above to restore the finish.

For the most severe stains and scratches, it may be necessary to use the light grey sanding pad. Remove the scratch then follow the above process to restore the worksurface to its former finish. If this still fails contact us for further advice and assistance

Other Spillages

Accidental spills of strong chemicals, (e.g. paint stripper, brush cleaners, metal cleaners, oven cleaners, cleaners containing methylene chloride, acid drain cleaners, acetone based nail varnish removers etc.), should be washed away immediately using plenty of soapy water to avoid damaging the worksurface.

For nail varnish spills, non-acetone based remover can be used and then flushed with water.

Accidental spills of strong chemicals, (e.g. paint stripper, brush cleaners

Damage Prevention

Warning: NEVER place hot pans, dishes or utensils directly on the worksurface or into an empty sink. Hot items will mark or damage the surface.

- Always use a heat protection pad or trivet (with rubber feet) for hot cookware, or leave cookware to cool on the hob first.
- Try to leave pans, dishes, or utensils to cool before placing them in the sink. If you must put a hot pan into the sink, always place a damp sponge or cloth underneath, or put a few inches of cool water in the sink before the pan.
- Avoid pouring boiling liquids directly into sinks without also turning on the cold tap.

Hob Safety

The Installation & Maintenance Kit contains a heat reflective tape, which the installer should apply around the hob cutout in the worksurface, before fitting the hob. This will prevent any damage to the worksurface. However, extra care should be taken when using the hob. Please follow both the appliance manufacturer's instructions and the advice below:

- An overhanging pan can scorch the surrounding worksurface.
- Always use the correct size of pan for the burner and ensure that it is placed centrally.
- Do not use two burners as one (e.g. for a large griddle).
- Take extra care when using a large frying pan or wok.

Scratches

Warning: DO NOT cut or chop directly on the worksurface. Always use a chopping board.

- As with all work surfaces Apollo Magna® and Slab Tech® will show light abrasion marks in normal daily use.
- Darker coloured surfaces are more prone to minor scuffs and scratches than lighter options and will require more care and attention to keep them looking pristine.
- Most scratches can be removed with relative ease. Simply follow the same procedure as for removing persistent stains.
- If you are unsuccessful, contact the Helpline for further advice and assistance.