

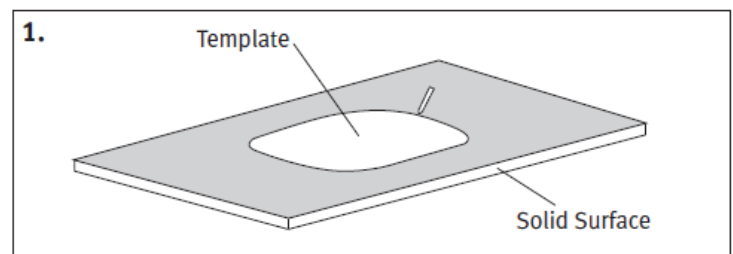
FRANKE UNDERMOUNT SINKS

Read these instructions carefully prior to installation of your Franke Undermounted sink.

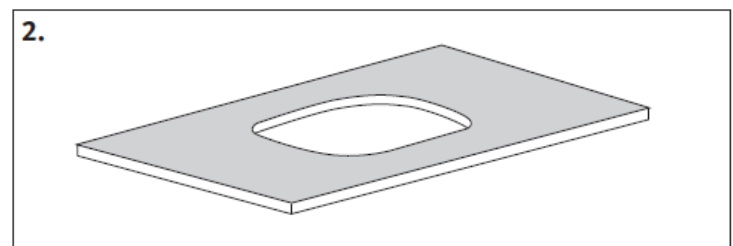
- The sink must be inspected for damage prior to installation. Do not install a damaged sink.
- Franke accepts no liability for damage to the solid surface worktop, or sink unit, during installation.
- Aesthetics are essential to presentation of the installed sink unit. Take the necessary care and attention to ensure that the exposed silicone sealing joint is kept to a minimum, the sink is properly aligned to the cut-out, and excess silicone is wiped from the sink with a wet cloth before it sets.

Installation Instructions - Marble or Granite worksurfaces

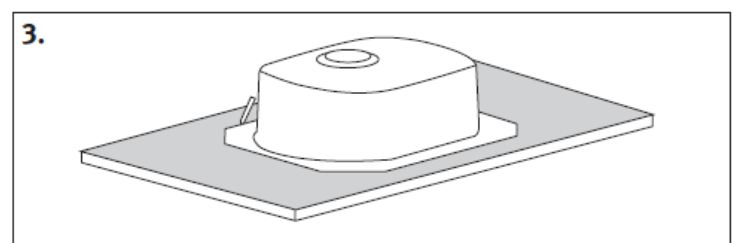
1. Clamp template on top surface of the solid surface material, in the desired position. This position will be determined by the relationship of sink rim to cabinet gables, cabinet supporting members and tap location. Trace edge of template with pencil (Figure 1).



2. Manual router can then remove the inside section. Alternatively, if you are using a CNC router, then a DXF CAD file can be downloaded from our Website. (www.franke.co.uk) The cut-out will reveal approximately 15mm of the polished sink rim (figure 2).



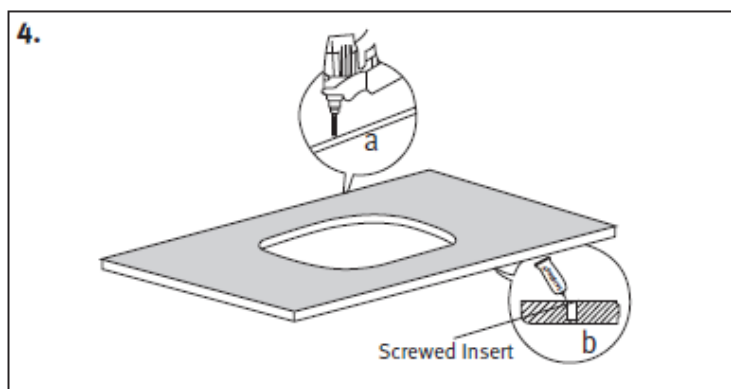
3. Finish cut-out edge of solid surface material with desired router bit (i.e. Chamber, Roman Ogee, etc.). Now lay the sink onto the back of the solid surface material and draw around the edge of the sink rim with a pencil (Figure 3), ensuring that this is concentric to solid surface cut-out. Mark the position of the screw holes relative to the edge of the pencil line. (The hole should be 12mm away from the pencil line).



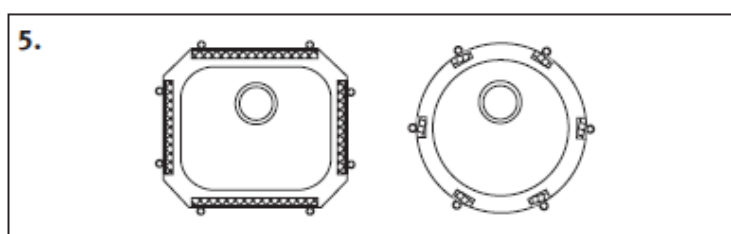
Installation Instructions - Marble or Granite worksurfaces (cont)

4. Drill appropriate holes for your selected insert (not supplied). Space the holes evenly around the pencil line so that they are 2 holes for each of the 4 sides of the rectangular sink or 6 equally spaced holes on the round sink (Figure 5, below).

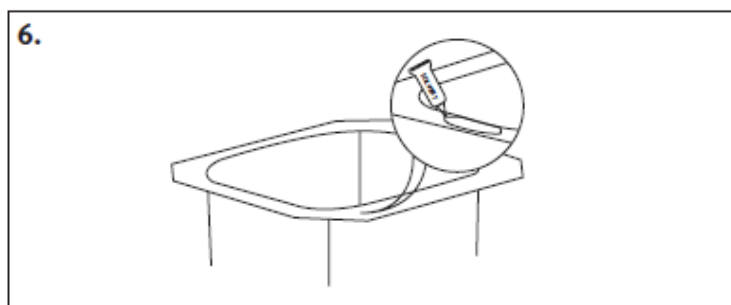
Fix the inserts into the solid surface material with the appropriate adhesive and allow curing fully before continuing (Figure 4).



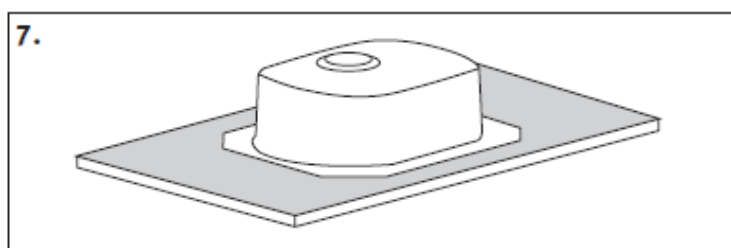
5. Cut 12mm plywood into 20mm wide strips (lengths are dictated by sink rim dimensions - Figure 5). Assemble clip leg and machine screw to the tee-nut. Swing clip leg clear of cut out.



6. Clean mating area of sink rim and solid surface material with a solvent to remove any dust or grease. Apply a continuous (translucent) silicone bead around the sink rim (Figure 6).

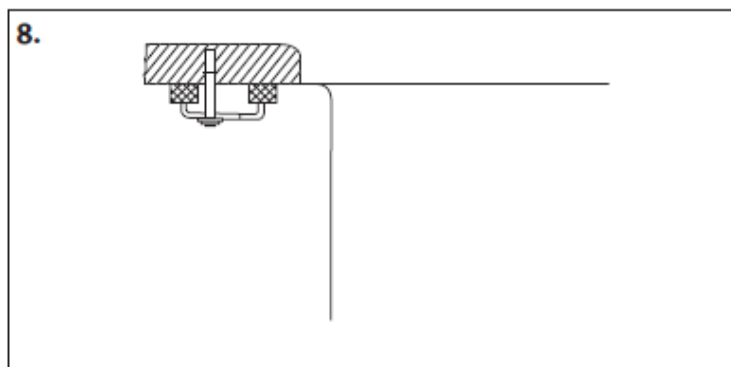


7. Position the sink within the clip legs (Figure 7). Lay the backing strips in position around the sink rim to distribute the clamping action. Swing clip leg into position and lightly hand tighten the machine screw.



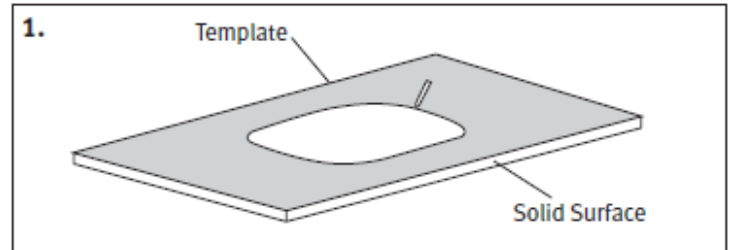
8. Re-align sink to solid surface cut-out, if required. Hand tighten all machine screws. **Take care not to overtighten and stress the solid surface material** (Figure 8). Use a non-abrasive cloth and solvent to remove any excess silicone that has been squeezed out beyond the cut out edge. **Do not use any metal implements that will scratch the sink surface.**

Apply silicone to the thread of the machine screws and to the clip leg so that the assembly will not loosen with any vibration.

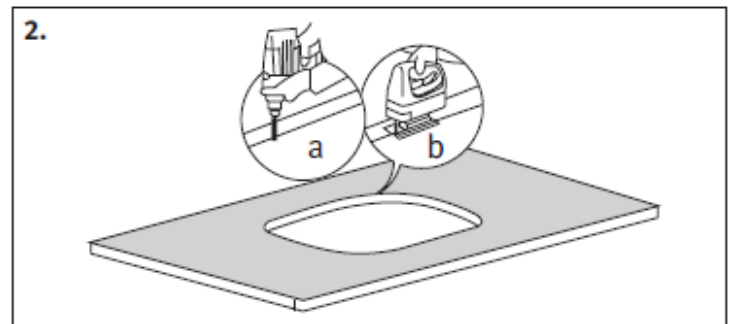


Installation Instructions - Synthetic worksurfaces

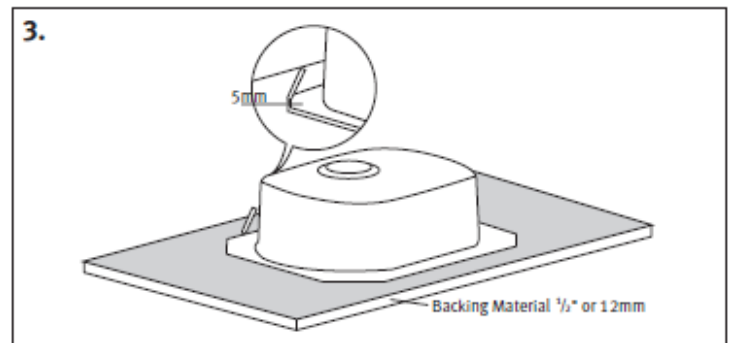
1. Clamp template on top surface of the solid surface material, in the desired position. This position will be determined by the relationship of sink rim to cabinet gables, cabinet supporting members and tap location. Trace edge of template with pencil. (Figure 1)



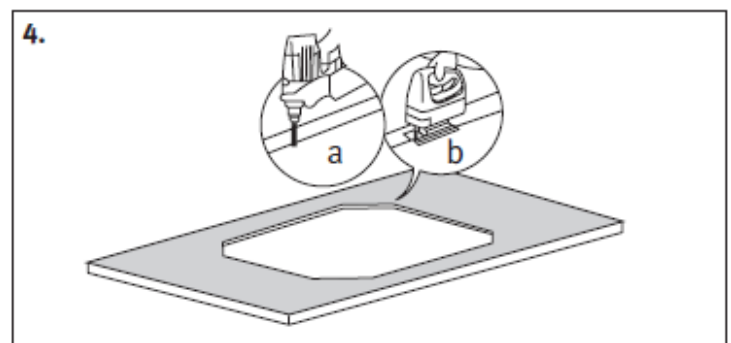
2. The inside section can then be removed by drill and jigsaw. Alternatively, if you are using a CNC router, then a DXF CAD file can be downloaded from our website (www.franke.co.uk). The cut-out will reveal approximately 15mm of the polished sink rim. (Figure 2) Finish cut-out edge of solid surface material with desired router bit (i.e. Chamfer, Roman Ogee, etc.).



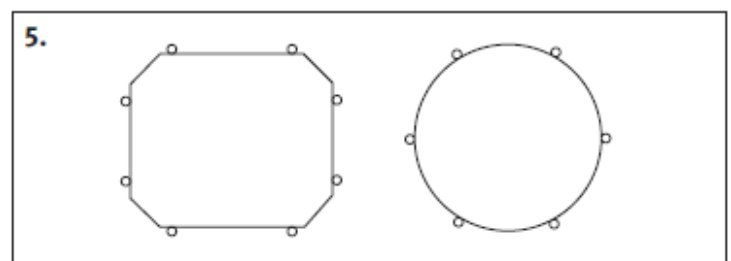
3. The backing material (eg. plywood) for the solid surface material should be 12mm thick. Align both backing and solid surface materials and clamp in position. With a pencil, draw around the cut-out in the solid surface material. This centralises both sections. Lay the sink on top of the backing material and draw around the edge of the sink rim (Figure 3) ensuring that this is concentric to solid surface cut-out.



4. Cut outside the edge of this pencil line by approximately 5mm. This allows for any slight re-alignment of the sink. Remove all sharp edges. (Figure 4).

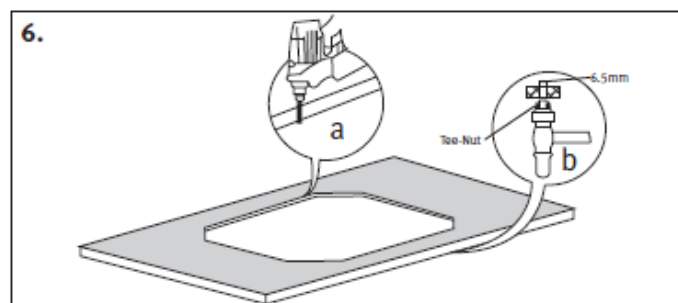


5. Drill 6.5mm diameter holes in the plywood at an offset of 12mm from the cut-out edge. Space the holes evenly around the cut-out so that there are 2 holes for each of the 4 sides of the rectangular sink or 6 equally spaced holes on the round sink. (Figure 5).

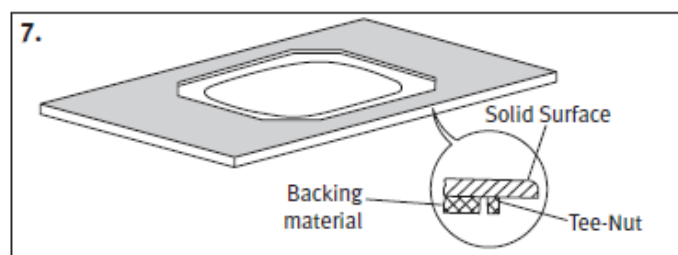


Installation Instructions – Synthetic worksurfaces (cont)

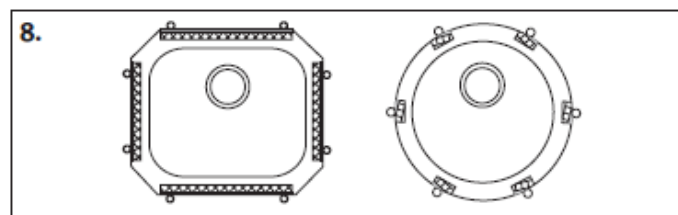
6. Drive the tee-nuts, with a hammer, into the drilled holes from the side in contact with the solid surface material (Figure 6).



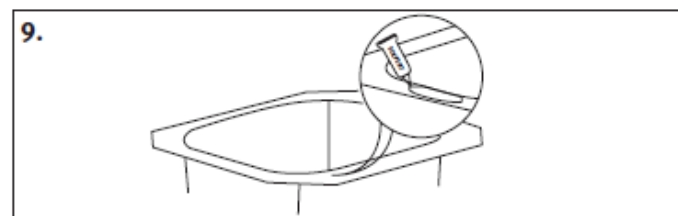
7. Check that the sink, backing and solid surface materials align correctly. Now the backing material can be bonded (if applicable) to the solid surface material.



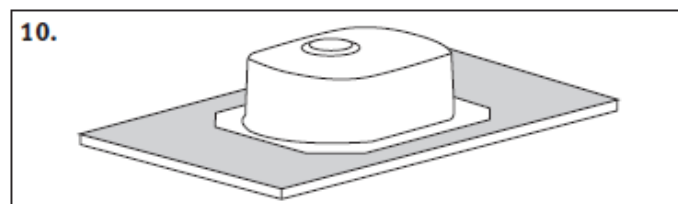
8. Cut 12mm plywood into 20mm wide strips (lengths are dictated by sink rim dimensions - Figure 8). Assemble clip leg and machine screw to the tee-nut. Swing clip leg clear of cut out.



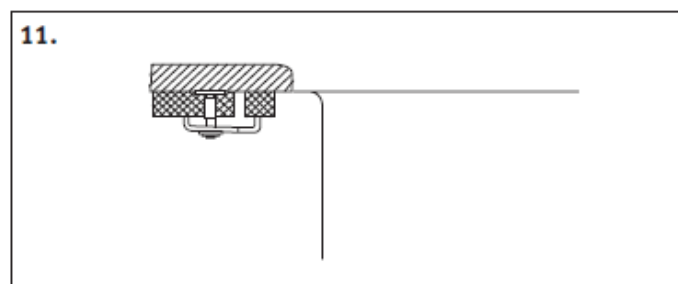
9. Clean mating area of sink rim and solid surface material with a solvent to remove any dust or grease. Apply a continuous (translucent) silicone bead around the sink rim (Figure 9).



10. Position the sink within the cut-out in the backing material (Figure 10). Lay the backing strips in position around the sink rim to distribute the clamping action. Swing clip leg into position and lightly hand tighten the machine screw.



11. Re-align sink to solid surface cut-out, if required. Hand tighten all machine screws. **Take care not to overtighten and stress the solid surface material** (Figure 11). Use a non-abrasive cloth and solvent to remove any excess silicone that has been squeezed out beyond the cut-out edge. **Do not use any metal implements that will scratch the sink surface.**



Apply silicone to the tread of the machine screws and to the clip leg so that the assembly will not loosen with any vibration.

