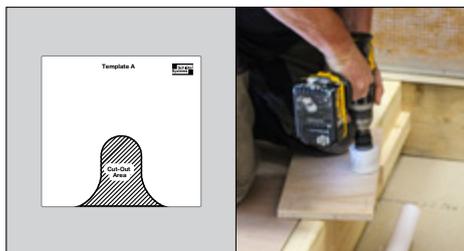
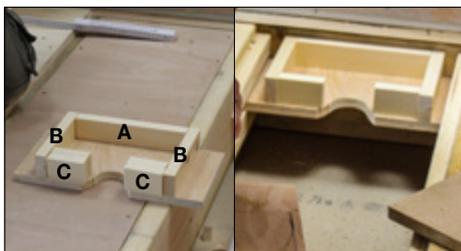


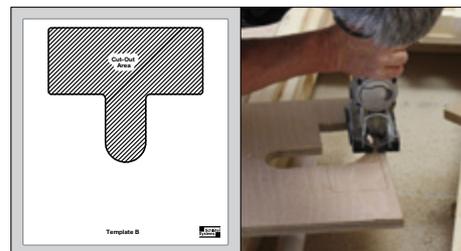
## Constructing the installation accessory



**A** Using the template 'A' provided cut an opening in a 200mm long piece of 18mm exterior grade plywood.



**B** Assemble the installation accessory using the pieces of timber, labelled A, B & C, provided and screw fixing them to the piece of plywood just prepared.



**C** Using the template 'B' provided cut the opening in the sub-floor for the drain body/sump to fit within. This should be cut from a 300mm long piece of 18mm exterior grade plywood. Take care to ensure that when fitted the opening will be directly above the framework created using the pieces of timber A, B & C.

The installation accessory can be purchased ready cut and assembled. If you wish to purchase it please speak with the distributor which supplied you with the drain and shower board, asking for the 'G3 Installation Accessory'.

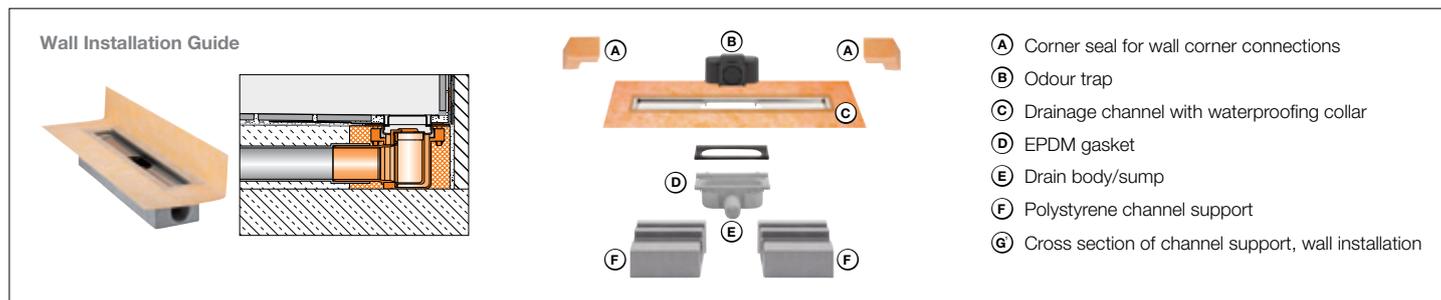


### Information.

If you have any questions about the installation process or any the products please contact Schlüter Technical Support on Email: [technical@schluter.co.uk](mailto:technical@schluter.co.uk) or Tel: 01530 813396.

# Schlüter®-KERDI-LINE-G3

Installation instructions for a suspended timber floor with a Schlüter®-KERDI-SHOWER  
-KSLT13652000S preformed shower tray



Before commencing it is important to confirm that the timber floor/substrate has been installed to BS 5385 - part 3 and is suitable for tiling. P5 grade/green chipboard is not suitable and should be replaced with external grade plywood of, we suggest, 18mm thickness. As well as being clean, dry and free from debris the timber floor must be flat, level and load bearing.

Tiles smaller than 300mm x 300mm or with a thickness less than 8mm should not be used.



**1** Identify and mark on the floor the position of the floor joists. The position of the screws or nails in the floor should provide an indication.



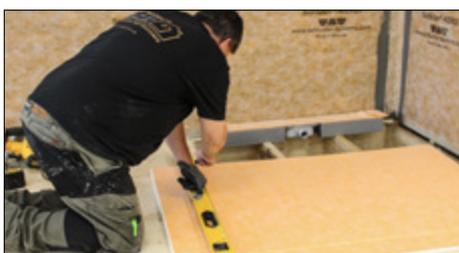
**2** Mark on the floor the outline of the Schlüter preformed shower tray to be fitted. This may be influenced by the position of the floor joists and by your use of an uncoupling membrane or underfloor heating in the surrounding floor area. For example, with an 18mm thick timber floor a Schlüter preformed shower tray cut to 1000mm long creates a flush level access shower area when Schlüter®-DITRA-HEAT-DUO is installed in the surrounding area.



**3** Carefully cut out the floor where marked, taking care to avoid any pipework or cables which may be in the floor void.



**4** Determine the position of the linear drain in the floor, taking into consideration the position of the floor joists and the size of the shower tray. The drain could be positioned either centrally or offset between the joists.



**5** Check the width and length of the Schlüter preformed shower tray to be fitted and using a utility knife, cut to size.



**6** Using exterior grade 18mm plywood construct the sub-floor where the shower tray and drain will be installed, fixing supporting battens to the floor joists at a depth so the sub-floor will sit flush with the top of the joists.



**7** Screw fix the sub-floor to the battens, ensuring it is level. At this stage do not fix battens or the sub-floor to the area where the drain body/sump will be installed.



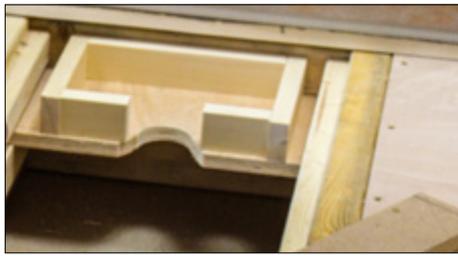
**8** Fix supporting battens, 200mm long, to the side of the joists in the section of the floor where the drain and the installation accessory will be fitted. Screws must be sized to penetrate the joists by at least 10mm. The top of the battens should be positioned 80mm from the top of the joists.



**9** Either construct the installation accessory or place the pre-built G3 Installation Accessory supplied by Schlüter Systems Ltd in position. For guidance on constructing the installation accessory see page 4.



**10** Before fixing the installation accessory fix supporting battens for the sub-floor.



**11** Slot the installation accessory into position.



**12** Using a utility knife carefully remove the grey polystyrene channel support from the underside of the drain, removing any residual adhesive. It is critical that the orange waterproof KERDI-collar is not damaged in any way. If it is damaged another drain must be used.



**13** Cut the white polystyrene channel supports to size, ensuring they will fit tightly up to either side of the drain body/sump. Cut the adhesive tape to size and adhere to the underside of the drain. Carefully attach the polystyrene channel supports to the adhesive tape, ensuring they are firmly attached to the underside of the drain.

It is usual for the wider channel support to be fitted on the outlet side of the drain and the thinner channel support fitted on the non-outlet side and to both ends. However, this can be varied as per the following suggestions:

Drain Position	Outlet Direction	Wall Tile	Support on Outlet Side	Support on Non-Outlet Side
Perimeter	Through Wall	≤12.5mm	17mm	38mm
Perimeter	Under Tray	≤12.5mm	38mm	17mm
Perimeter	Through Wall	>12.5mm	38mm	17mm
Perimeter	Under Tray	>12.5mm	17mm	38mm



**14** Place the drain into position, with the drain body/sump sitting within the cut-out in the piece of sub-floor created as part of the installation accessory (see page 4).



**15** Cut a further piece of 18mm exterior grade plywood to size to complete the remaining part of the sub-floor. Check it fits and then remove.



**16** Screw fix the part of the sub-floor with the cut-out into the supporting battens



**17** Remove the drain and using solvent weld adhesive glue bends, as appropriate, to the outlet of the drain. One Floplast WS19 135° (45°) bend and one Floplast WS77 135° (45°) conversion bend usually works well.



**18** Apply a thin bed of C2 classification tile adhesive to the area of the sub-floor where the drain will be installed and set the channel support in place, ensuring it is level along its length and across its width.



**19** Connect the drain outlet to the building drainage system ensuring an appropriate fall on the waste pipe. Check for leaks. Using a spirit level check the drain is still level along its length and across its width, adjusting if necessary.



**20** Secure a piece of 18mm exterior grade plywood, 200mm long, to the underside of the part of the sub-floor containing the drain. Half of it should be left exposed for the remaining part of the sub-floor to be secured to.



**21** Place the remaining part of the sub-floor into position and screw fix to the support described in 20 and to the supporting battens.



**22** Using a utility knife and the pre-printed markings on the back measure and cut out the sloped tray Schlüter®-KERDI-SHOWER KSLT13652000S to accommodate the drainage channel.



**23** Using an appropriate notched tiling trowel apply a bed of tile adhesive to the surface of the sub-floor where the shower tray will be installed. Carefully place the preformed shower tray on top of the adhesive bed, sliding the tray under the flange of the drainage channel. Ensure it is solidly bedded, adjusting the trowel size if necessary. Care should be taken to ensure the channel is not lifted.



**24** If Schlüter®-DITRA 25 uncoupling membrane, or Schlüter®-DITRA-HEAT-E /-DUO underfloor heating is being used apply a bed of adhesive to the floor and adhere the membrane. As per Product Data Sheet 6.1 a 3 x 3 mm or 4 x 4 mm notched trowel should be used to install DITRA 25. As per Product Data Sheet 6.4 a 6 x 6 mm notched trowel to install DITRA-HEAT-E/-DUO.



**25** Adhere the Schlüter®-KERDI collar, using the sealing adhesive Schlüter®-KERDI-COLL-L (see Product Data Sheet 8.4), to the adjoining waterproofing assembly with a 3 x 3 mm or 4 x 4 mm notched trowel and the comb provided. Completely embed the KERDI collar in this assembly, observing the curing times of all materials.



**26** Cut the supplied Schlüter®-KERDI-KERECK inside corner to size and attach it with Schlüter®-KERDI-COLL-L.



**27** If Schlüter®-KERDI-BOARD is used on the wall, use Schlüter®-KERDI-COLL-L with a piece of Schlüter®-KERDI-KEBA sealing band to waterproof the penetrations.



**28** Use Schlüter®-KERDI-COLL-L to create tightly sealed wall connections with Schlüter®-KERDI-KEBA sealing band.



**29** Insert the frame and spacer strip. If the 30mm high frame is being used (only suitable for use with a central outlet position) adjust the grate support around the trap to allow for cleaning.



**30** Use the supplied height-adjustment aid to adjust the frame to the thickness of the tile covering.



**31** Use tile adhesive to fill beneath the frame on all sides and install the tile covering.



**32** Remove the spacer strip and height-adjustment aid after curing. Insert the grate.