

# AQUA FLOOR

## WET ROOM TANKING KIT INSTRUCTIONS

### AF10 - AF19

- The following steps are a guide to the installation of the Aqua floor tanking system with long channel drains. If you have any questions please contact [livinghouse.co.uk](http://livinghouse.co.uk)



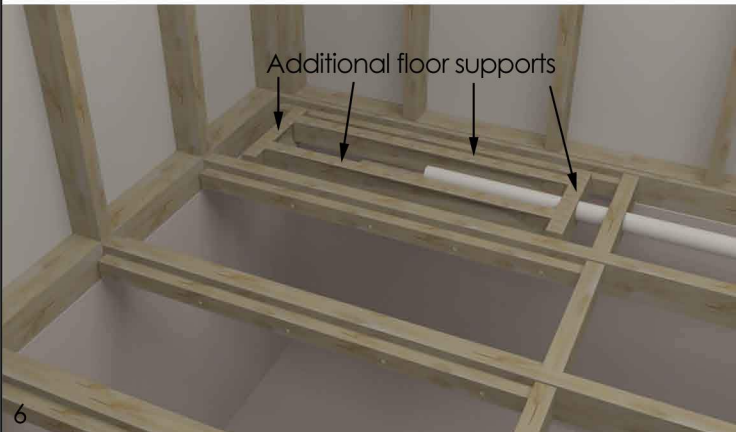
2

- Rest the linear drain shower tray onto the joists into the desired position. Ensure the waste position of the tray does not interfere with the timber joists.



4

- Install timber supports to the joists ready to install the timber sub-floor. Tray sub-floor supports should be installed 24mm below the top of the joists.



6

- Additional supports should be installed around the linear shower drain opening. Install pipe work into the floor ready to connect to the long channel drain.



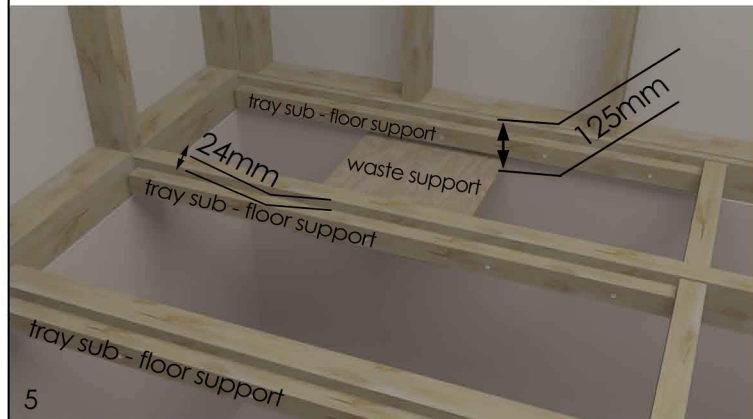
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- Ensure joists are in sound condition and have a maximum of 400mm centres. It is important that joists are level in all directions.



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- Mark the hidden tray position on the joists and remove the tray leaving a clearly marked guide.



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- Install a support for the tray drain and trap 125mm below the top of the joists.



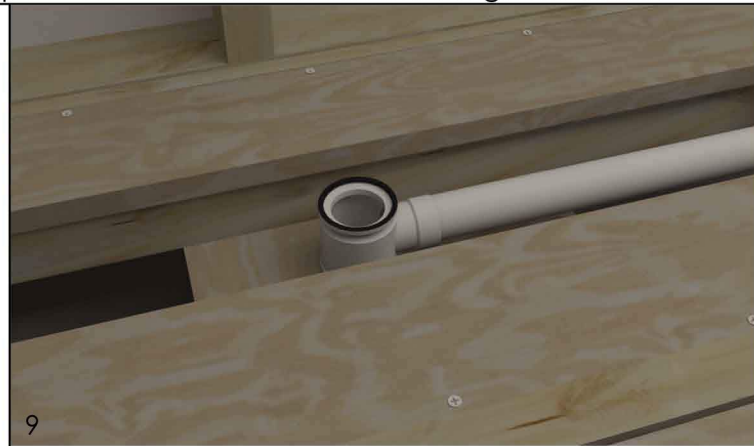
7

- Install 22mm moisture resistant chipboard to the timber joists leaving the marked wetroom tray area clear.



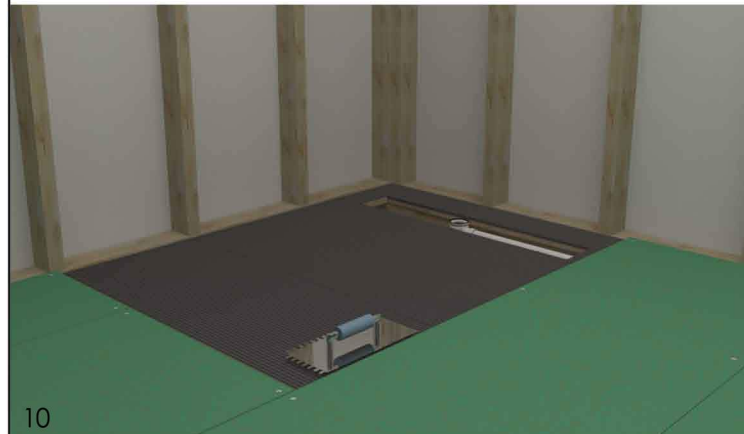
8

- Install 24mm marine plywood between the timber joists, screwing to the supports. Allow a hole for the long channel waste.



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- Position the shower waste and connect the drain pipe. Ensure that the drain body and rubber seal is not proud of the plywood sub-floor.



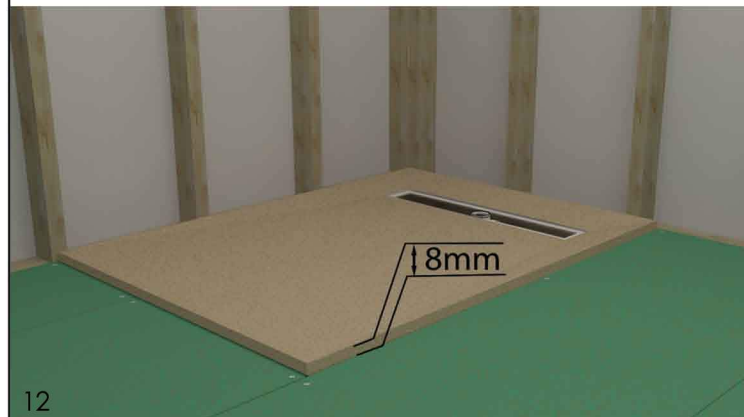
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- Place shower tray into position. The installed tray should be 6mm above the chipboard. Remove linear tray and apply flexible tile adhesive to the sub-floor of the long channel tray.



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- Install the shower tray making sure there is a 100% bond between the two surfaces. This will ensure the channel tray is flat and water will drain correctly.



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- The tray should sit 8mm proud of the surrounding chipboard. This will allow the waterproof tanking boards to be installed flush with the walk-in tray.



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- Secure the long channel drain to the shower tray. Now screw the top of the drain to the trap through the hole of the channel drain body. Insert the odour barrier into the waste.



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- Using a flexible adhesive install the tanking boards in a brick bond pattern to the chipboard sub-floor. Ensure a 100% bond between the two surfaces.



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- You may decide to install waterproof tanking boards to the walls depending on your wetroom requirements.





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- Using primer, paint over the joints between the tanking boards, hidden tray and walls. Paint 75mm either side of the joints. Allow a minimum of 4 hours to dry.



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- Ensure all floor joints have been covered, including around the flush wet room tray.



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- Use the tanking tape to seal around all edges of the room. The tape must be folded into a 90 degree angle securing to both the floor and walls.



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- Depending on your tiling requirements you may decide to tile the walls prior to installing the floor tiles or vice versa.



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- Apply the supplied tanking tape to all primed joints ensuring good adhesion between the surfaces by applying pressure to the tape.



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- Fit the pre-made corners to the wet room. Both internal and external corners are supplied.



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- If waterproof boards are being used on the walls then repeat the steps to prime and seal the joints as shown for the floor and tray.



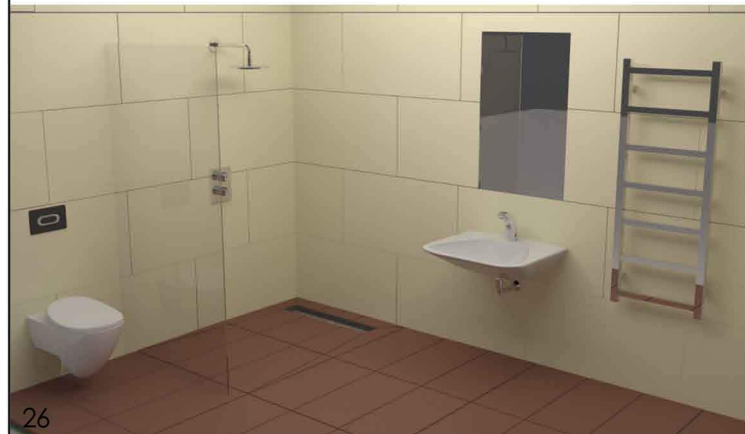
23

- When installing the floor tiles ensure you use a good quality tile adhesive and the tiles are 100% bonded.



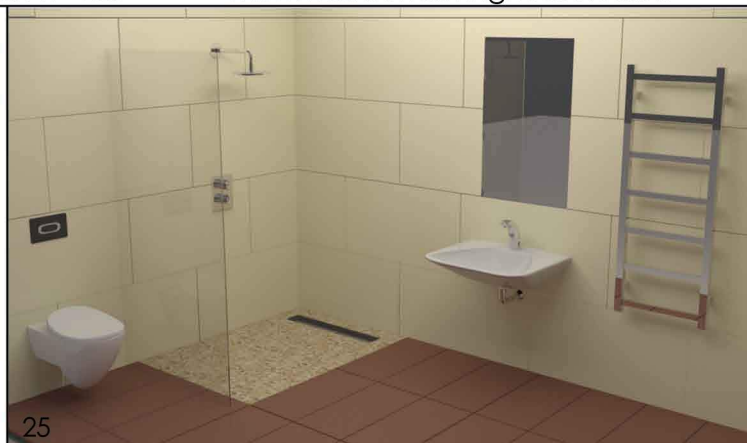
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- Please note larger tiles will require cutting at diagonals to the long channel waste. (as shown in picture) This will allow the tiles to follow the falls of the shower tray.



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- Livinghouse can also supply all of your designer bathroom product requirements such as shower screens, toilets, wash basins and towel rails.



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- Smaller tiles (as shown in picture) can easily follow the falls of the tray without the need for diagonal cutting.

As you can see this engineered well thought out tanking system gives the reliability and peace of mind which is the most important consideration required when choosing a water tight tanking system

- Thank you for choosing the Aqua floor tanking system. If you have any questions on the fitting of the wet room tanking system please contact **Livinghouse.co.uk**

# livinghouse.co.uk



## INTERIOR DESIGN PRODUCTS

*style, innovation & quality*

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Wetroom website: [www.wetrooms.livinghouse.co.uk](http://www.wetrooms.livinghouse.co.uk)

For a video on the AquaFloor wetroom installation please visit our website  
[www.livinghouse.co.uk/acatalog/Videos.html](http://www.livinghouse.co.uk/acatalog/Videos.html)



## Easy check list for the installation of a long channel drain wetroom system

1. Ensure joists are in good sound condition
2. Joists should have a maximum of 400mm centres
3. Make sure your joists are level in all directions
4. Rest the tray onto the joists into the desired position
5. Ensure the waste position of tray does not interfere with the joist lay out
6. Mark the tray position on the joists
7. Remove the tray leaving the clearly marked area visible
8. Install supports between the joists ready to install a tray sub-floor
9. Install a support for the waste / trap
10. Allow for the depths of both the sub-floor and waste when installing the supports
11. Install pipe work into required position
12. Allow sufficient fall along the waste pipe to allow water to drain away correctly
13. Install moisture resistant chipboard to the joists leaving the marked tray area clear
14. Install the tray sub-floor to the supports allowing for a hole for the tray waste
15. Position the waste body in place and connect to the installed pipe work
16. The top of the waste should not finish proud of the tray sub-floor
17. Rest the tray onto the installed sub-floor and check the heights
18. Take into consideration the depth of the adhesive to be used in the installation
19. The final tray height should be 8mm higher than the installed chipboard \*
20. Remove the tray
21. Apply a good quality flexible tile adhesive to the sub-floor
22. Install the tray onto the adhesive ensuring a 100% bond between the two surfaces
23. Check heights again and the tray should sit 8mm proud of the surrounding chipboard \*
24. Secure the grate casing to the shower tray
25. Screw the top of the waste into the waste body through the casing
26. Insert the removable odour barrier into the waste body
27. Tanking boards may be used on the walls depending on your fitting requirements
28. A minimum board thickness of 10mm is recommended for the walls
29. Using a good quality flexible tile adhesive install the tanking boards to the chipboard floor
30. Make sure the tanking boards are 100% bonded to the chipboard
31. When installing the tanking boards it is best to lay them in a brick bond pattern
32. Allow the adhesive to dry
33. Paint the joints on the floor using primer including around the edge of the room
34. Paint a minimum of 75mm either side of the joints
35. Allow a minimum of 4 hours to dry
36. Apply the supplied tanking tape over the primed joints ensuring good adhesion
37. Fit the pre made corners to your room where necessary
38. Both internal and external corners are supplied with the tanking kit
39. Use the tanking tape to seal around the edge of the room
40. The tape can be folded 90 degrees to be secured water tight to the wall and floor
41. If using tanking boards on the wall, repeat the steps for priming and fitting the tanking tape
42. Depending on tiling preferences you may decide to tile the walls prior to the floor tiles
43. Install your floor tiles using a good quality flexible tile adhesive
44. Ensure the tiles are fitted with a 100% bond between the tiles and tanking boards
45. You may need to cut the tiles within the tray area to follow the natural slope of the tray
46. Alternatively smaller tiles such as mosaics can be used without the need for cutting

\* Assuming Livinghouse standard 6mm thick tanking boards for the floor are being used.

The above instructions are assuming a complete Aquafloor tanking kit system is being installed

The Aqua floor tanking system is available as a tray only kit, 6m2 or 10m2 kits

The Aqua floor tanking system is suitable for both ground and upper floor installation and is also suitable for concrete sub-floors