

# AQUA FLOOR

## WET ROOM TANKING KIT INSTRUCTIONS AF1 - AF9

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



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- Rest the wetroom tray onto the joists into the desired position. Ensure the waste position of the tray does not interfere with the joist lay out.



4

- Install timber supports between the joists ready to install the tray sub-floor. Install a support for the drain waste at 88mm below the top of the joists.



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- Place the drain body with the sealing flange into position and connect your waste pipe ensuring there is sufficient fall to allow water to drain away correctly.



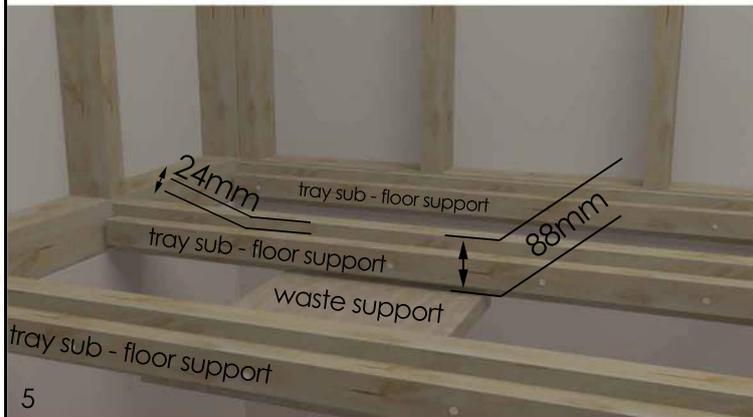
1

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



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



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- The sub-floor support battens should be installed 24mm below the top of the joists.



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



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- Install 24mm marine plywood between the joists screwing to the timber supports. Allow a hole for the drain.



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- Install the tray with a 100% bond between the two surfaces. This will ensure the hidden tray is flat and water will drain correctly.



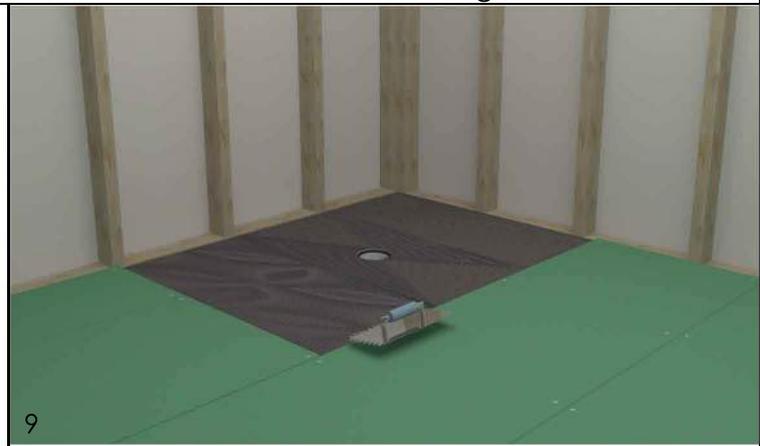
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- Screw the top of the drain to the trap through the top of the tray, use the supplied plastic tightening key. Insert the removable odour barrier.



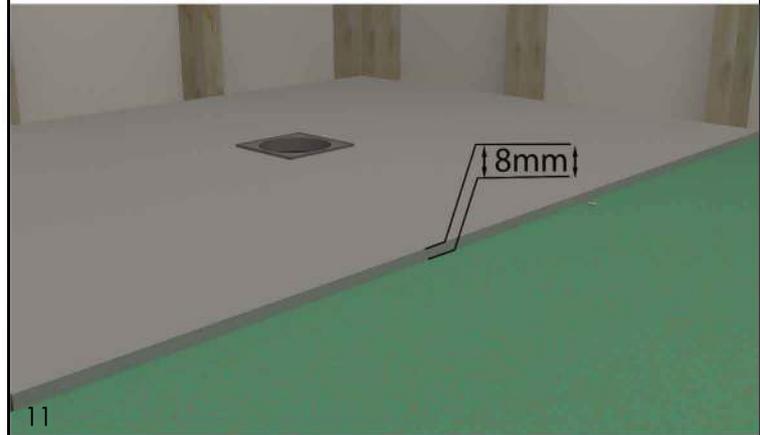
14

- Using a flexible adhesive install the tanking boards to the chipboard sub-floor ensuring a 100% bond between surfaces.



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- Place the shower tray into position and check heights. The tray should be 6mm proud of the surrounding chipboard. Remove tray and apply flexible tile adhesive to the sub-floor.



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



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- If waterproof tanking boards are being used on the walls it is advised that a minimum board thickness of 10mm is required.



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- The installation of the wetroom tanking boards should be fitted in a brick bond pattern and be installed flush to each other and the shower tray.



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- Using the primer supplied, paint over all joints between the tanking boards, tray and walls 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 tray edge.



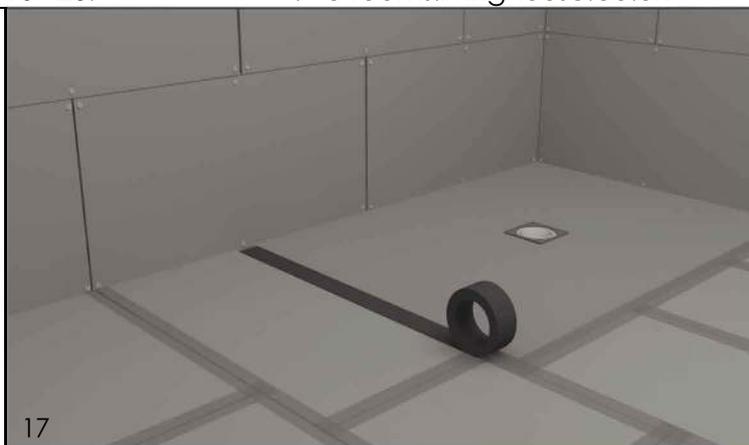
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- Apply the tanking tape to wall and floor junction. The tape must be folded at a 90 degree angle.



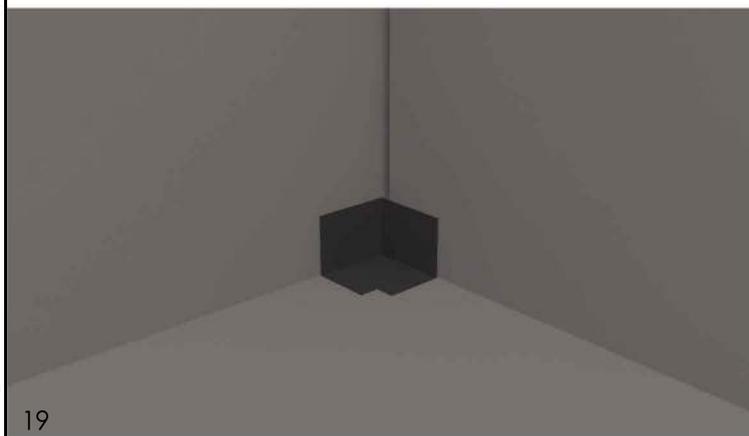
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- Depending on your tiling requirements you may decide to tile the walls prior to installing the floor tiles or vice versa.



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- Apply the tanking tape supplied to the primed joints over the floor area ensuring good adhesion between the surfaces.



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- Fit the pre-made corners to your wet room using the internal and external corners 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.



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- 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 (as shown in picture) This will allow the tiles to follow the falls of the wet room tray.



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- Livinghouse can also supply all of your designer bathroom product requirements such as wetroom screens, sanitary ware and towel rails.



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- Smaller tiles (as shown in picture) can easily follow the falls of the hidden shower 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](http://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 installing the AquaFloor wetroom tanking 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. Place the bottom section of the waste / trap into position onto the installed support
12. Connect a waste pipe to the trap
13. Allow sufficient fall along the waste pipe to allow water to drain away correctly
14. Install moisture resistant chipboard to the joists leaving the marked tray area clear
15. Install the tray sub-floor to the supports allowing for a hole for the tray waste
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. Screw the top section of the waste through the tray into the bottom section of the waste
25. A plastic waste tightening key is supplied with the waste kit to do this
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 the supplied 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, 6m<sup>2</sup> or 10m<sup>2</sup> kits

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