

UniSlope® 3K | 4K

Installation Instructions

3k UniSlope Kit



4k UniSlope Kit



Installation Videos

www.wetroommaterials.com and [YouTube](https://www.youtube.com)

Technical Support

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EN 1253



Installation Instructions

Before installing

Watch the set by step installation videos

Ensure the drain and boards can fit into the wet room area

Important

Read all the pages of these instructions fully and thoroughly before you commence installation and keep in a safe location for future reference.

Plumbing

All plumbing works should be carried out by a fully qualified professional plumber. Use the adapter to connect the outlet to 50mm pipe work.

Sub Floor

It is important that UniSlope is installed onto a strong, level, stable floor. Movement could affect the performance of your wet room. UniSlope is not load bearing, the sub floor must be able to support adequate weight.

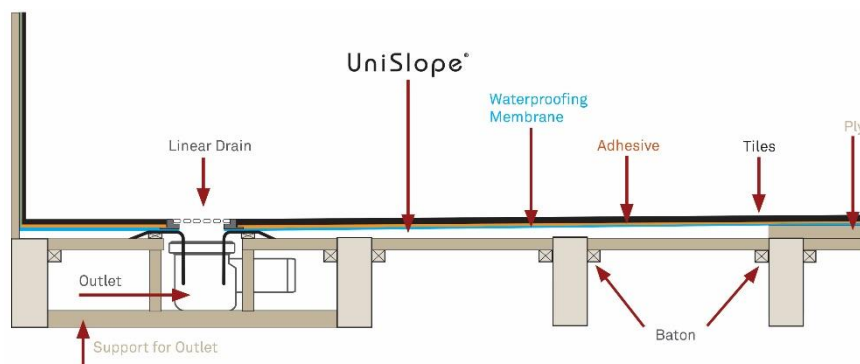
Checklist/Safety Notes

- Ensure you have all contents supplied before installation. If you do not have all the contents, do not install and contact your retailer
- Check all the contents for damage. If any parts are damaged, do not install and contact your retailer.
- Use a spirit level to check that the sub-floor is level prior to installation.
- The linear drain must be installed flat and horizontal.
- Check the location of pipes, electrical cables and all other services prior to drilling, cutting and screwing into walls, ceilings and floors.
- Use drywall screws to fix the UniSlope to the floor. Avoid any pipes, electrical cables and other services.
- Ensure your tools for installation are fit for purpose and follow manufacturer's instructions provided with the tools.
- The area / room must be clean, dust free with first fix plumbing and electrics in place prior to applying the LIP waterproofing membrane.
- The LIP waterproofing membrane should be applied to the UniSlope, shower walls and 500mm outside the shower area. Area's that are not tanked will not be waterproofed.
- Always ensure that the Installation area is kept safe, especially from children and pets.
- Safety goggles and masks should be worn at all times.

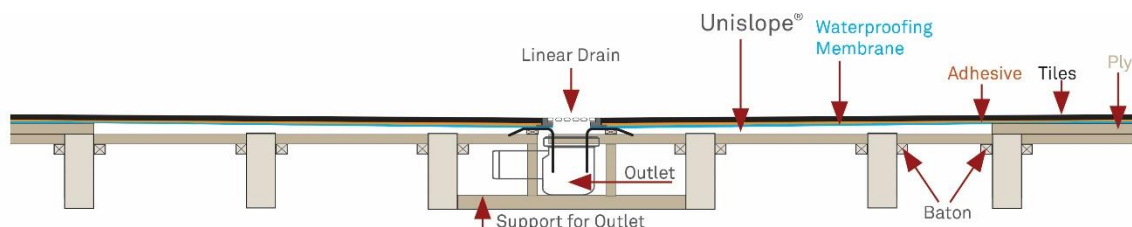
Liability

The Manufacturer will not accept any liability for failure if the UniSlope has been installed incorrectly and with disregard to the instructions.

3K Cross Section



4K Cross Section



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Drain Installation on Wooden Floor

3K UniSlope Kit Components



Main drain body and dry wall screws



Outlet



Trap



Adapter



Unislope Board and end filler



Tanking membrane, primer and reinforcement tape

4K UniSlope Kit Components



Main drain body and dry wall screws



Outlet



Trap



Adapter



Unislope Board and end filler



Tanking membrane, primer and reinforcement tape

Drain Assembly



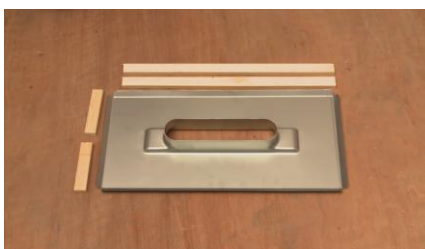
Remove the trap from the top of the outlet.



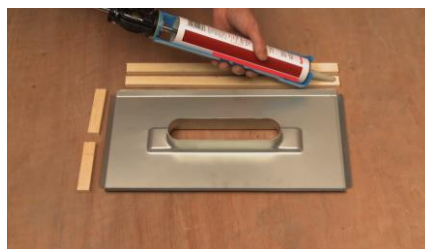
Grease the rubber seal of the outlet.



Place outlet onto the main drain body and clip into position.



Attach push fit adapter to the outlet. Cut three 10mm batons to size.



Apply glue to the batons.



Place onto the bottom of the main drain body.

Drain Installation



Mark and cut out the wet room area.



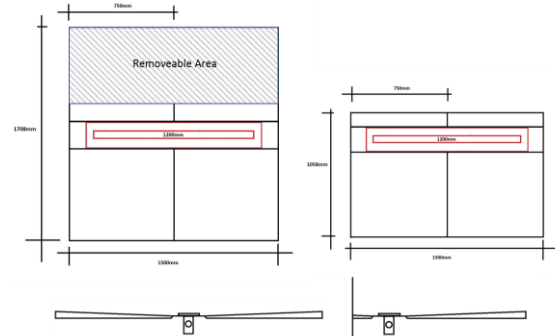
Install batons between the joist.

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Drain Installation on Wooden Floor

3K UniSlope Boards

The 3K system is designed so you can place the drain in any location and the boards are trimmed to suit. The example show the boards being trimmed down by 500mm to allow the drain to be closer to the wall. The drain can also be placed further away from the wall by trimming the opposite board, or placed in the middle by trimming each board equally if required.



3K Drain and UniSlope Board Installation



Place drain into position and screw clips into position. Solvent weld adapter to pipework



Cut the ply wood and place on top of the batons between the joists.

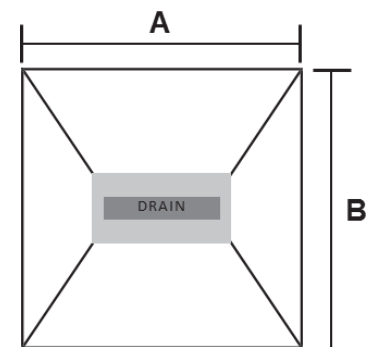


Place the UniSlope boards and end fillers into position and screw into ply.

Note: You may need to notch out a few millimetres from the top of the joists to accommodate the drain's internal drainage.

4K UniSlope Boards

The 4K UniSlope boards has four falls to the drain in the centre which cannot be moved but can be trimmed down from the outside.



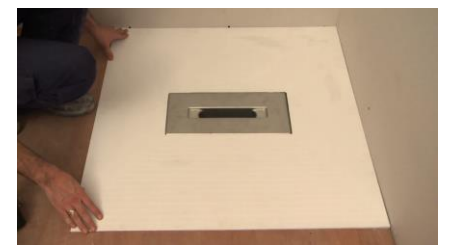
4K Drain and UniSlope Board Installation



Place drain into position and screw clips into position. Solvent weld adapter to pipework



Cut the ply wood and place on top of the batons between the joists.



Place the UniSlope boards and end fillers into position and screw into ply.

Note: You may need to notch out a few millimetres from the top of the joists to accommodate the drain's internal drainage.

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Drain and UniSlope Installation – On Concrete

The below images show the installation of a 1K UniSlope kit on Concrete. The principles are the same for 3K and 4K systems. Follow steps from the installation on wooden floor as well.

Recommended Installation Products



LIP 226 Screed



LIP Wet Room Adhesive

Drain Assembly



Remove the trap from the top of the outlet.



Grease the rubber seal of the outlet.



Place outlet onto the main drain body and clip into position.

Drain Installation



Place drain into position ensuring it is level.



Screw the drain to wall. Solvent weld adapter to pipework.



Pack the outlet and underside of the drain with screed making sure there are no air pockets.

Note: Ensure that the drain is at the correct height so it will not be higher/lower than the UniSlope board.

UniSlope Installation



Level the floor with screed tanking into account the thickness of the UniSlope Board.



Apply a 1-2mm bed of tile adhesive evenly onto the floor.



Place the UniSlope board and end fillers into position and screw down.

Note: Ensure the screed is completely dry before proceeding and Place heavy items on top of the UniSlope board and allow for the adhesive to dry.

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Priming, Reinforcement and Tanking

The below images show the process on a concrete floor but the principles / steps are the same for UniSlope.
Any areas that are not tanked will not be waterproof. All major joints must be reinforced

Priming



Apply Primer using brush or roller.
Follow dilution ratios and zones below.



Allow 30 minutes for Primer to dry.
Ensure it is touch dry.



Degrease the drain using a
degreasing agent.

Note: Before priming ensure the room is free of debris and dust.

Tanking



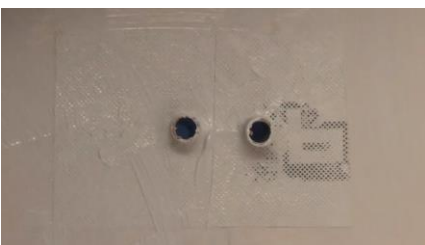
Apply VS30 using brush or roller to all
major joints. Place reinforcement tape
into position.



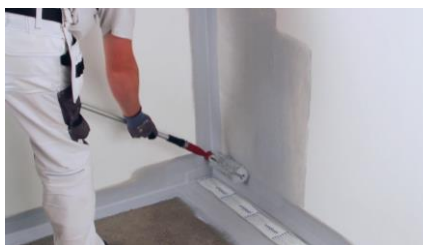
Apply another coat of VS30 over
reinforcement tape.



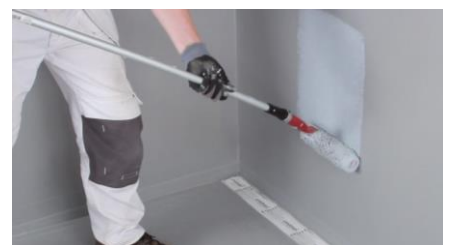
Follow the same process for corner
drain.



Reinforce around the first fix pipework
ensuing there are no gaps.



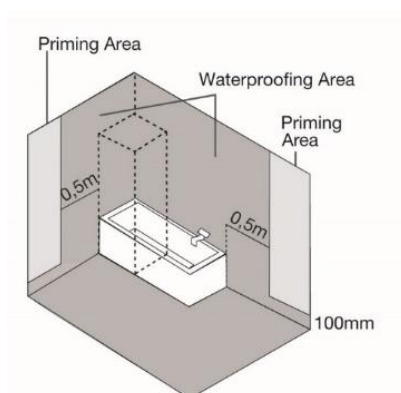
Apply LIP VS30 to all areas shown
below using a roller.



Allow to dry for 12 hours and apply
2nd coat of VS30.

Note: When applying reinforcement tape to the drain, the tape must be at least 40mm on to the drain body on all sides.
Ensure VS30 is dry before continuing.

Recommended Zones



Materials

Organic (Wood etc.)

Inorganic (e.g. Plasterboard, UniSlope
board, Cement Board, Screed etc.)

Ratio

Undiluted

Primer 1:10 Water

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Tiling Highline Custom

If you are installing a finish with a frame, continue to the next page

Tiling Highline Custom



Place the trap into the drain to help keep the drain clean.



Tile to wall from the drain up. Follow standard tiling guidelines



Tile the floor using spacer to ensure you do not tile over the drainage gap.



Degrease the Highline Custom rail.

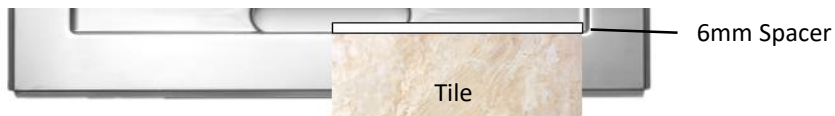


Apply strong glue to tiles and place onto the Custom Rail.

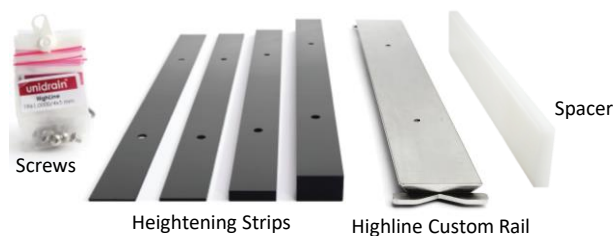
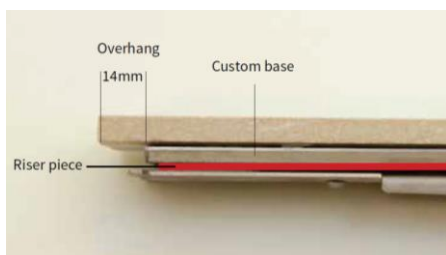


Place into position.

Using the 6mm Spacer



Assembling the Highline Custom



Tiling Instructions

The below images show the process for 1K UniSlope. Follow these and page 6 tiling instructions.



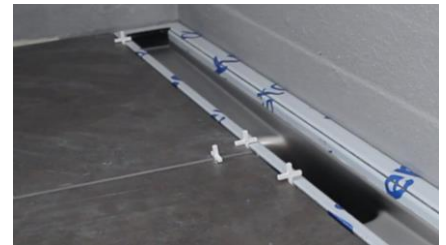
Tiling



Place frame into position before you start tiling.



Tile to floor following standard tiling guidelines.



Ensure tiled come up to the frame but leaving a gap for grouting.



Tile the walls starting from the drain up making sure the tiles come down to the frame.



Apply grout between tiles.



Seal all joints with an anti fungal silicone.