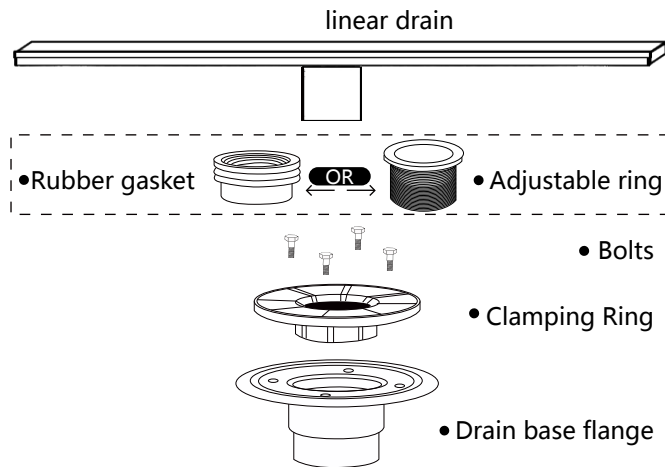


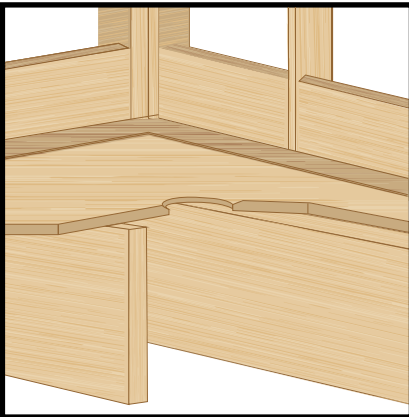
LINEAR DRAIN INSTALLTION INSTRUCTION

Includes:



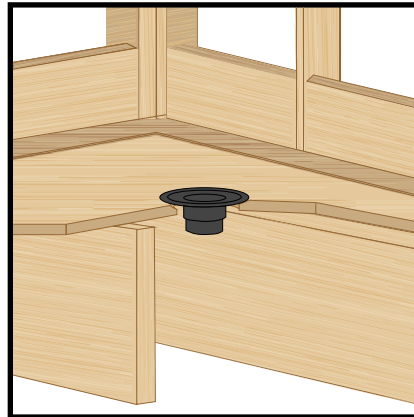
Installation instruction

Step1 :



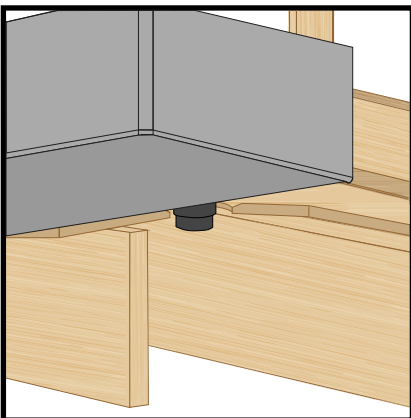
Cut a tapered hole into the floor. Make sure the area under the floor is clear for plumbing. Notice 2x6 boards between studs will surround the shower walls.

Step2 :



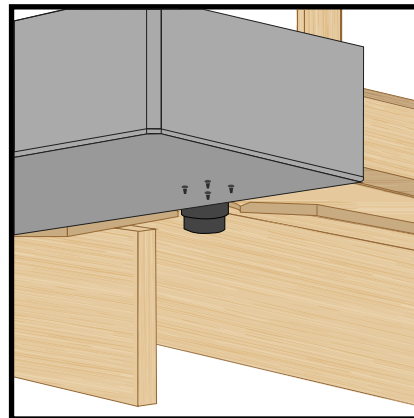
Screw the Drain Base Flange of the drain into the hole with 4 wood screws. The top surface of the drain base should be flush with the top of the wood floor.

Step3 :



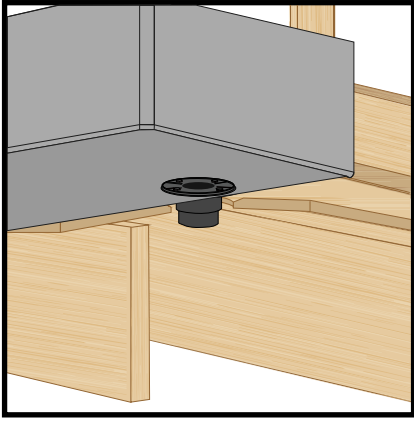
Lay rubber liner into shower area. Fold/tuck the vertical corners without cutting. Extend up the wall 6" and nail near top.

Step4 :



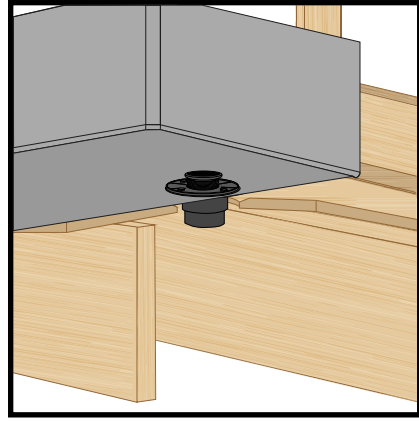
Using a sharp utility knife, cut a small slice into the rubber above the 4 holes where the 4 bolts will thread into. Push the bolts thru each slice and thread into drain base a few turns. In the center of the drain, slice an "X" into the rubber, no wider than about 2 inches.

Step5 :



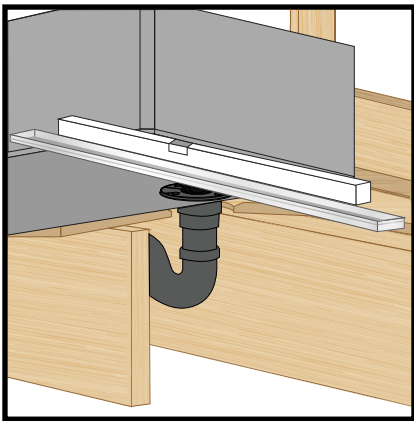
Place the clamping ring over the flange tighten with bolts. This will push the rubber liner in the center downward where you cut the "X" .

Step6 :



Depending if you are going to use the rubber gasket or adjustable ring, you will either thread in the adjustable version or put in the rubber coupling. Shown above is the adjustable ring. They are not meant to be used together. One or the other.

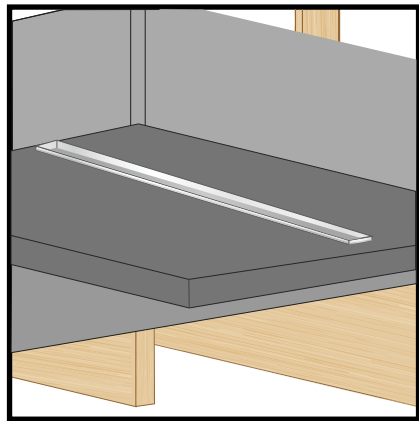
Step7 :



Set your linear drain in place by pushing it into the rubber gasket or adjustable ring. If using the adjustable height version drain, don't worry about having a water-tight seal, this area does not require a water tight seal. trap plumbing is shown on the exit of the drain. P-Trap plumbing P-needs to be water-tight.

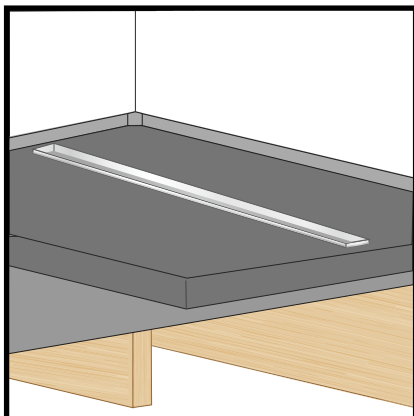
Tip : Make sure the linear drain is level, above the surface of the mortar.

Step8 :



Mix the mortar and fill the shower pan area. Keep the mortar a "wet sand" consistency so it doesn't level. Pack it in & make it smooth. Ensure it slopes toward the drain in all directions.(slope: $\frac{1}{2}$ " rise for every 12" run). Keep about $\frac{3}{8}$ " of the lip of the linear drain above the surface of the mortar. Once you place the tiles, the top of the tile should be slightly above the lip of the drain.

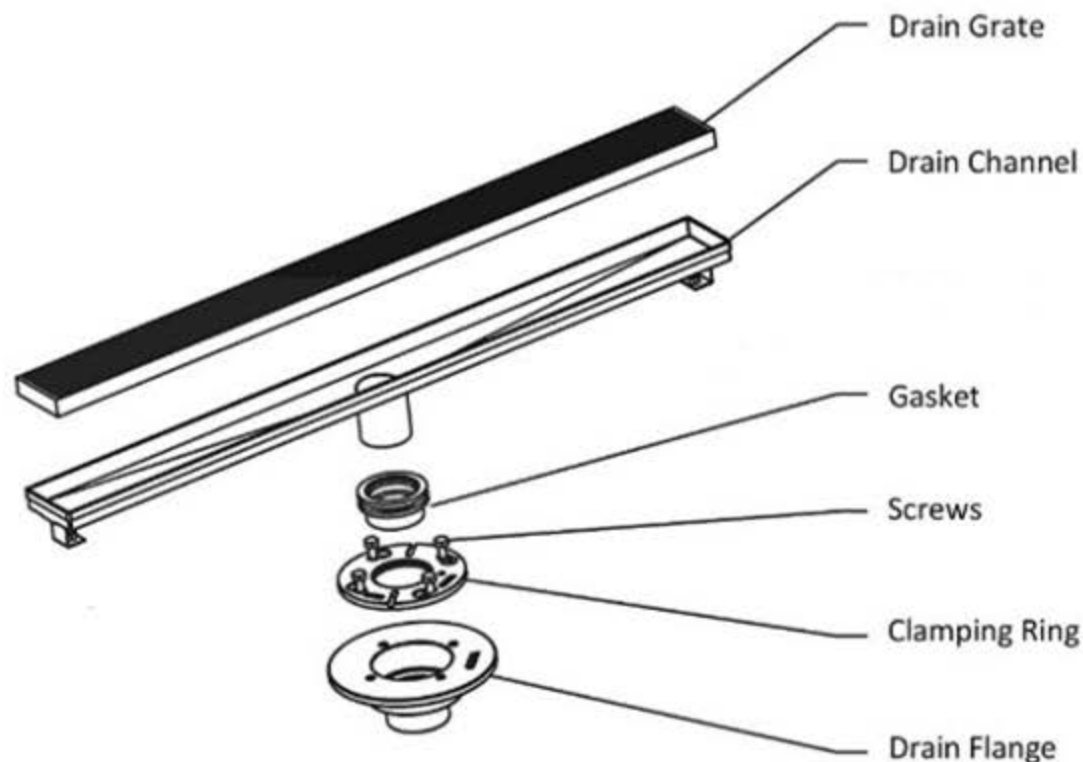
Step9 :



Place the drywall (green board) or cement board onto the walls. Leave about 3" gap from mortar base to the bottom of drywall. Coat the entire shower walls & corners with 3 coats of Regard sealant with paint roller & brush. Do not need to seal over the mortar base. Make sure to seal the bottom edges of the drywall.

INSTALLATION FOR LINEAR SHOWER DRAINS

*IMPORTANT: Recommended for professional installers only. The installer maintains responsibility for installing the product safely.
*Drawings are for reference only. Please refer to actual product for exact size, shape and parts.



1. Determine the desired position of the shower drain.
Relocate rough-in pipework if necessary. Cover with flooring mortar as needed.



2. Assemble the drain grate to the drain channel.

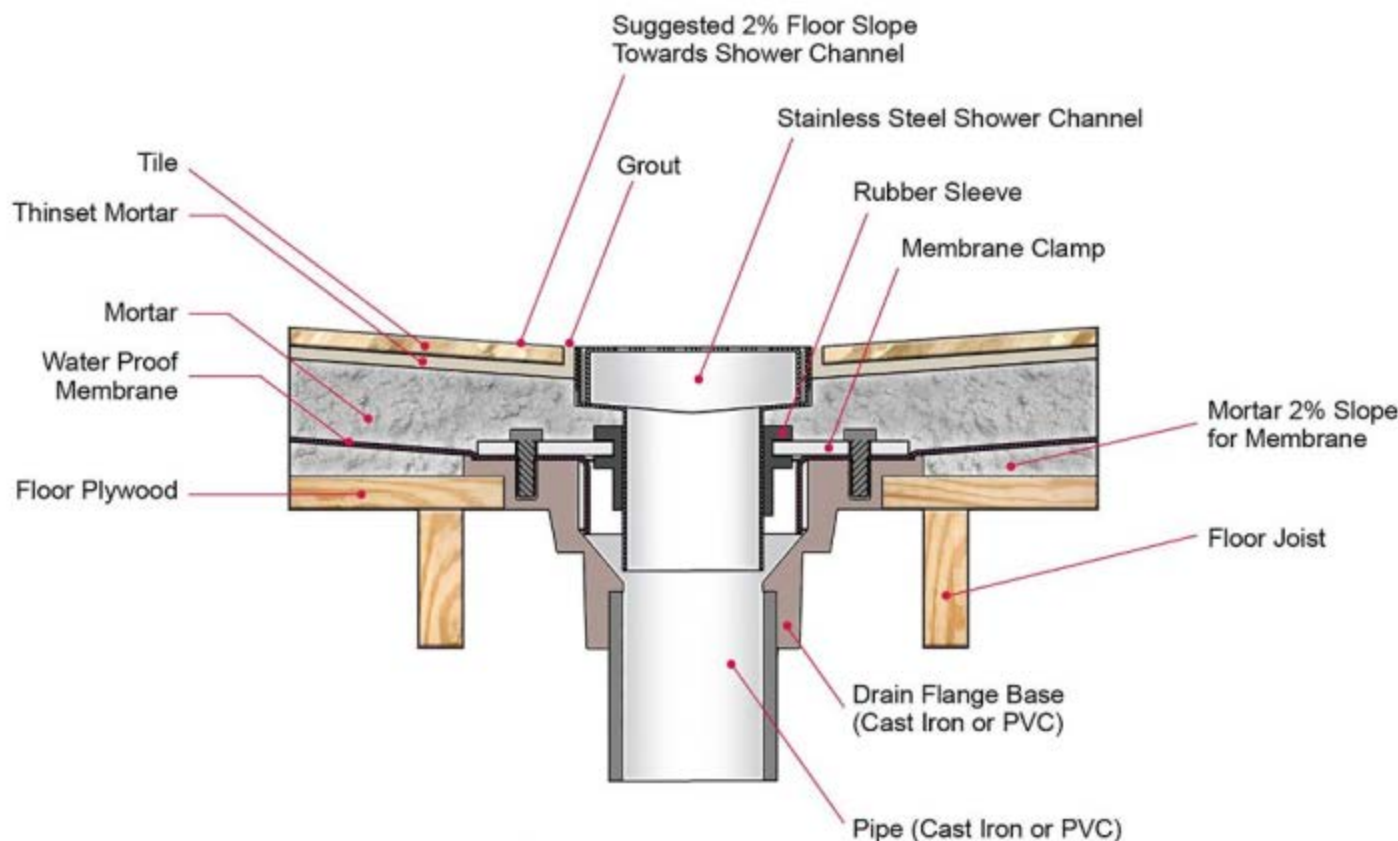


3. Assemble the clamping ring to the drain flange, and then install the gasket into the drain flange.
Fasten the assembly with the screws.



Shower Drain Installation Cross-section Diagram

1. Determine the desired position of the shower drain. Locate the pipe through your flooring to desired position.
2. Pre-slope the floor to lead water to the outlet. It is suggested to create a 2% grade towards the shower drain. Linear drains usually require a single slope in one direction. However, if the linear drain is installed slightly off the wall, it will need to slope the adjacent area towards the drain.
3. Layer the pre-slope with a waterproof membrane, cut holes on the membrane for the screws and drain base. Waterproof test operated by qualified plumber is required for at least 24 hours after the membrane is fixed.



4. Assemble the drain grate to the drain channel.
5. Assemble the clamping ring to the drain flange, and then install the gasket into the drain flange. Fasten the assembly with the screws.
6. Insert the drain channel into the gasket. Push the drain channel down to ensure the correct height.
7. Connect the drain flange to the sewer pipe. Run water through the drain and check for leaks.
8. Adjust the leveling feet to level and stabilize the shower drain unit. The top of the drain channel should be flush with the surface of the finished floor.
9. Complete the installation by installing the preferred flooring.