



Linear Drain Standard Length. Plain Edge Base, Traditional Waterproofing

[Watch Installation Video](#)



Step 1: Prepare the Shower Area

Determine the drain position and frame the shower surround as needed.

Step 2: Connect the Drain

Attach the clamp-down drain body to the drain pipe, keeping the drain bolts in place. Block the drain opening with a rag to prevent mortar from clogging the pipe.

Step 3: Create the Shower Slope

Trowel mortar onto the subfloor, ensuring a slope/pitch of $\frac{1}{4}$ " per foot towards the shower base.

Step 4: Install the Waterproof Membrane

Install the waterproof membrane, reinforcing around the outlet. Carefully cut the membrane to expose the heads of drain bolts and outlet. Install the clamping ring.

Step 5: Perform a Leak Test

Check the membrane to ensure there are no leaks before proceeding.

Step 6: Adjust the Drain Height

Screw the threaded nipple into the clamp-down drain, adjust it to the desired height.

Step 7: Position the Drain Channel

Place the drain channel into the threaded nipple. Use the adjustable feet to ensure the drain channel is level and correctly positioned.

Step 8: Apply Mortar

Trowel mortar to the required height while maintaining the slope established in Step 3.

Step 9: Install Tile & Grout

Once the floor mortar has cured, apply thin-set, install the tile, and grout the joints.

Step 10: Install the Grate

Secure the grate into the shower drain base.

For tile-invert grate designs (Mist, Veil, Bay 2-in-1), spread a layer of mortar into the grate. Ensure the thin-set and tile are flush with the metal frame.

For the Bay 2-in-1 Reversible Grate drain, the solid satin stainless steel side is the default. If the tile-in side is preferred, use the included key to remove the plastic grate supports and reposition them on the opposite side. Ensure the legs are fully snapped into place.

Notes:

- The waterproof membrane must be installed and tested according to the manufacturer's instructions and local building and plumbing codes.
- QM recommends installation by a licensed contractor to ensure proper fit and function.
- The QM drain is compatible with most common 2" ABS, PVC, or cast iron shower drain flanges.
- A hair strainer basket is included to help collect hair and debris, preventing pipe clogs. Empty the basket as needed for optimal performance.
(Use of the basket is optional.)
- A lifting key is provided to assist with grate removal.
- Proper floor slope is essential. Failure to achieve the required slope will result in standing water or slow drainage.
- After installation, rinse the drain thoroughly to remove any cleaning products or sealant residue.
- Do not use abrasive cleaners, ammonia, bleach, acids, waxes, alcohol, or solvents, as these may damage the surface and void the warranty.
- Keep the grate removed and stored safely until the final stage of installation.

