

Prerequisites:

Drain Location: Before starting the installation, determine the drain location. If installing in a new area or changing the drain size in an existing space, ensure the subfloor is cut for appropriate access. Cut a hole in the subfloor for the drain outlet and coupling to the waste line. We recommend a maximum hole diameter of 5 inches.

Note that the drain location must be determined before any other aspect of the installation to build the shower system accordingly.

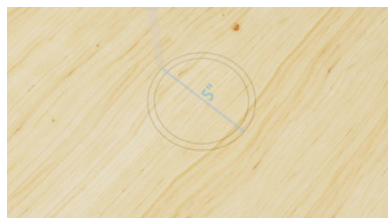
Subfloor Preparation: Ensure the subfloor is clean, free of debris, flat and level.

For Curbless Shower: If you prefer a curbless design, we recommend adding the Bracket Kit recess to the wood subfloor for a perfect and easy curbless installation with our invisible drains. However, if a curbed shower is preferred, add the curb(s) accordingly. If you are using our Curbless Bracket Kit Recess, you **must** use a heavily modified mortar that can accommodate ¼" depth, such as Laticrete 3701, Mapei Planislope, or Mapei Ultraflex 2 above the subfloor.

Note: For optimal waterproofing throughout your shower and the rest of your bathroom area, we recommend using our Superdry waterproofing membrane. Extend the same level of protection to your shower walls and surrounding areas to ensure a fully sealed and moisture-resistant space. For best bonding results, we recommend using a high-performance thin-set mortar such as LATICRETE 254 Platinum, MAPEI Ultraflex LFT, or ARDEX X 77.

Step 1: Position Drain

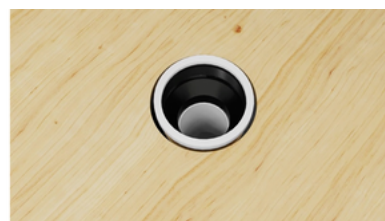
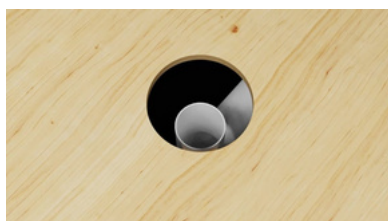
Determine the exact location of the drain hole and mark it out. Cut the hole in the subfloor.



confirm outlet location

Step #2: Connect Drain Body

Connect the drain body to the waste pipe, ensuring that the drain body ends flush with the top of the subfloor.



install vertical outlet

Step #3: Setting the Drain

Apply thin-set mortar evenly to the subfloor and the drain using a 1/4" x 1/4" square notched trowel in the area where the linear or square drain will be placed. Firmly set the drain into position, making sure it is level.

Thread and tighten the top part of the drain body securely, then carefully fold back the waterproofing membrane over the surrounding area.



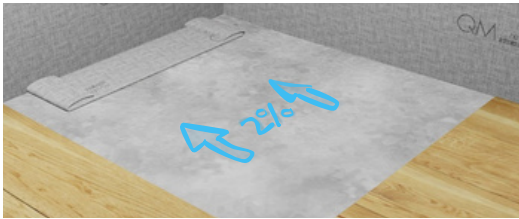
set Invisible drain

Step #4: Apply Mortar and Create Slope

Trowel mortar onto the subfloor, maintaining a slope of $\frac{1}{4}$ " per foot toward the shower drain. Use the flat part of the linear or square drain border to determine your starting point for the slope.

Once the mortar has fully cured, verify that the proper slope has been achieved before proceeding to the next step.

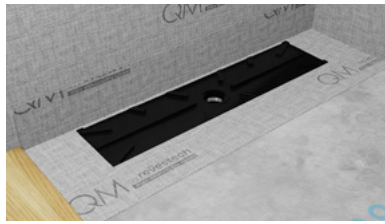
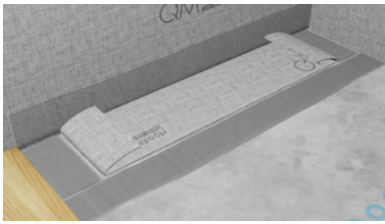
Important: If you are using our Curbless Bracket Kit Recess, you **must use a heavily modified mortar that can accommodate $\frac{1}{4}$ " depth**, such as Laticrete 3701, Mapei Planislope, or Mapei Ultraflex 2 above the subfloor.



create slope

Step#5: Secure Waterproofing Collar

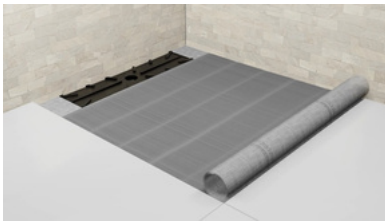
Apply thin-set to glue the sealed membrane collar to the floor and wall, form the corners by folding the sheet if necessary. For best bonding, we recommend using Laticrete 254, Mapei Ultraflex 2, or Ardex X 77.



secure waterproofing

Step #6: Apply Superdry Waterproofing Membrane

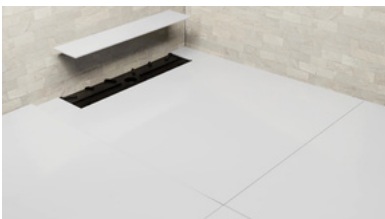
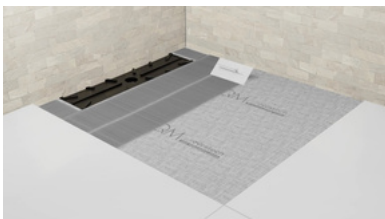
Apply thin-set to the rest of the shower floor and install waterproofing membrane. Overlap the membrane by a minimum of 2 inches. Remove air bubbles using a trowel. We recommend covering the walls with Superdry membrane



finish waterproofing

Step #7: Install Tile

Apply thin-set and install tile and grout. Cut and Place a tile onto the linear or square drain.



apply tile

Waterproofing Floor/Wall/Ceiling

We recommend waterproofing the rest of the bathroom floor and the shower walls — at minimum up to the height of the showerhead — using the QM Superdry membrane. This can be done either before or after the construction of the shower.

Waterproofing the ceiling is optional for standard showers, but recommended for steam showers.

Before applying the membrane, ensure the surface of the solid backing is clean and free of dust or debris.

Apply fast-setting, self-curing thin-set mortar using a $\frac{3}{16}$ " V-notched trowel.

Place the Superdry waterproofing membrane into the mortar and press it firmly onto the surface to ensure full coverage and remove any air pockets.

Overlap the edges of the membrane by at least 2 inches.

Important Notes:

Installation: QM® strongly recommends that installation be performed by a licensed contractor.

Slope Requirements: Proper floor slope is crucial for effective drainage. Maintain a minimum slope of 2%, or a $\frac{1}{4}$ " drop per every 12 inches from the shower walls to the drain.

For any further questions or support, please contact us at info@qm-us.com.