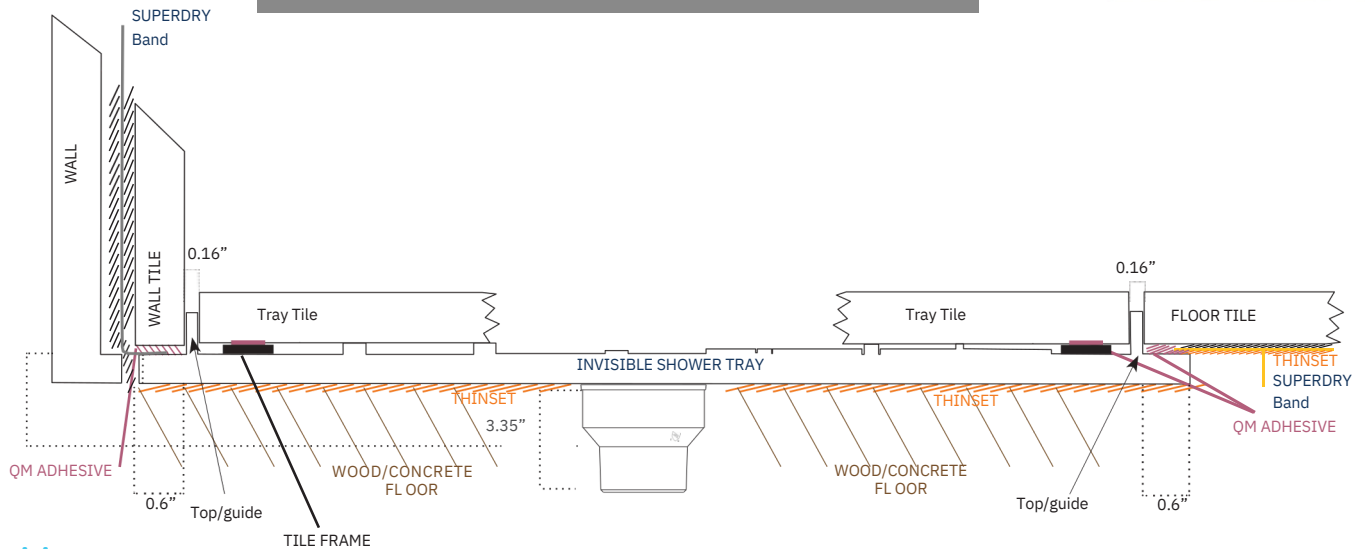




### Prerequisites:

**Drain Location:** Before starting the installation, determine the exact drain location.

If installing in a new area or changing the drain size in an existing space, ensure the subfloor is properly cut for 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.

**Important:** 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, and completely flat and level. The shower base must be installed level and on a flat surface. Level the subfloor completely before proceeding with shower tray base installation.

**Shower Tile Thickness:** Check the thickness of the shower tile. Depending on the tile thickness and the amount of thin-set adhesive used, the shower tray can be installed either flush against or away from the wall.



### Note: Optional Use of Wall Trim

If your shower wall tiles match the bathroom floor tiles and you want to maintain a straight, even grout line at the bottom, we recommend using the optional Wall Trim accessory. Instead of placing the wall tiles directly onto the shower tray surface, install the Wall Trim just behind the small raised stops along the tray edge.

The Wall Trim acts as a spacer, lifting the bottom row of tiles slightly to align perfectly with the rest of the bathroom tile — eliminating the need to cut tiles at the bottom. This creates a smooth, level transition from the bathroom floor into the shower for a cleaner, more professional finish without uneven cuts or grout lines.

**For Curbless Shower:** If you prefer a curbless design, the edge of the shower tray should be installed flush with the subfloor, taking into account the thickness of the tile and thin-set adhesive.

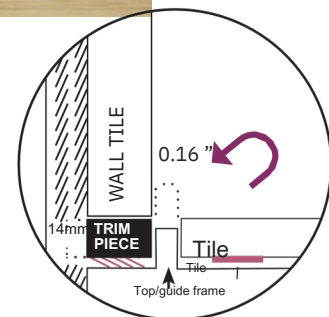
The bathroom tile and the tile installed over the shower tray must align perfectly level.

We recommend using our Bracket Kit Recess to create the necessary recess in a wood subfloor, ensuring an easy and accurate curbless installation with our invisible drains. If a curbed shower is preferred, add the curb(s) accordingly.

### IMPORTANT: Waterproofing Recommendation

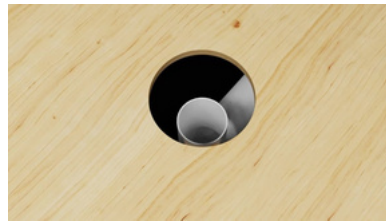
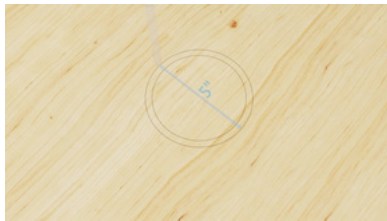
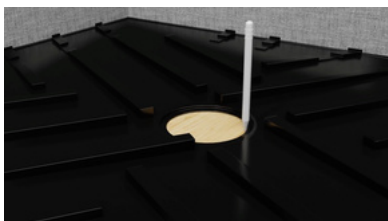
For optimal waterproofing throughout the shower and bathroom area, we strongly recommend using our QM Superdry Waterproofing Membrane.

Extend this waterproofing up the shower walls (at minimum to the height of the showerhead) and onto surrounding bathroom areas to create a fully sealed, 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.



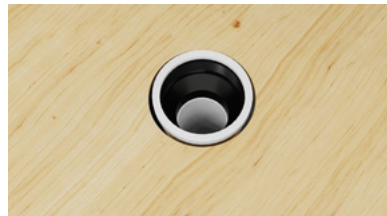
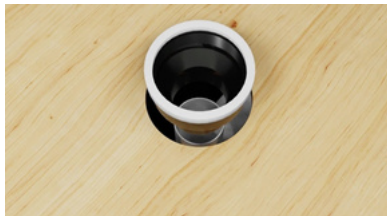
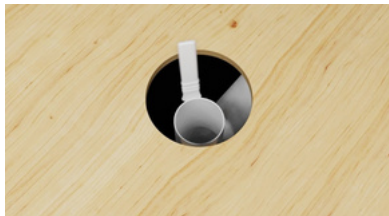
### Step #1: Position Drain

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



### 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.



### Step #3: Set Tray

Apply thin-set mortar evenly to the subfloor and the shower tray using a 1/4" x 1/4" square notched trowel. Place the tray firmly, ensuring it is level. You can add weight (not directly on the tray) using tiles to achieve even adhesion.



### Step #4: Thread Drain Body

Thread and secure the top part of the drain body.



### Step #5: Seal Tray

Seal the entire perimeter of the tray, including its joints against walls and the floor, using QM Sealant.



### Step #6: Apple Waterproofing Band

Glue the band onto the four borders of the tray using QM Sealant. Attach the band to the junctions with floors and walls using thin-set.



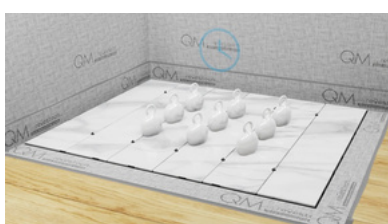
### Step #7: Tile Installation

Layout the tiles and tile frames into the tray. Depending on the tray's length and tile width, you may create 2 to 4 tracks to distribute the weight of the tiles and facilitate tray cleaning. Place the tile frames onto the tray grooves, ensuring a perfect fit. Trim the frames if necessary. Attach the tiles onto the profiles using QM Sealant adhesive, maintaining an open space of 0.04" to 0.15" between the tiles. The thickness of the level stops (0.15") determines the perimeter opening on all four sides. Note that adhesive curing time is 24 to 72 hours, depending on weather conditions. Review the tile measurements and layout information.



### Step #8: Ensure even tile

Install the rest of the bathroom floor, ensuring it is at the same level as the tray 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 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:

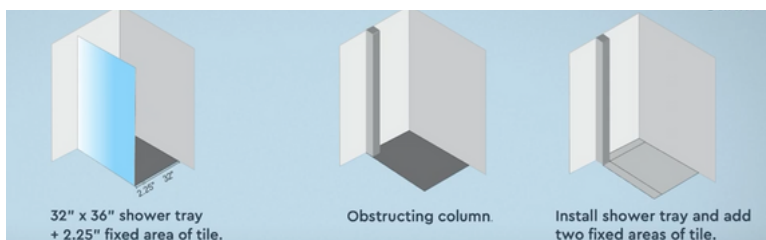
**Installation:** QM® strongly recommends that installation be performed by a licensed contractor.

**Slope Requirements:** Proper floor slope outside and around the tray is crucial for effective drainage. For projects where there is extra space around the tray, a fixed area of tiling with a slight slope of 0.5% is necessary for proper drainage.

**Thin-Set Note:** 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.

### Examples:

If shower tray is smaller than shower area or obstructing item is in the way. Create a slight slope around tray using dry pack mortar and 0.5% slope in the direction of the drainage tray.



For any further questions or support, please contact us at [info@qm-us.com](mailto:info@qm-us.com).