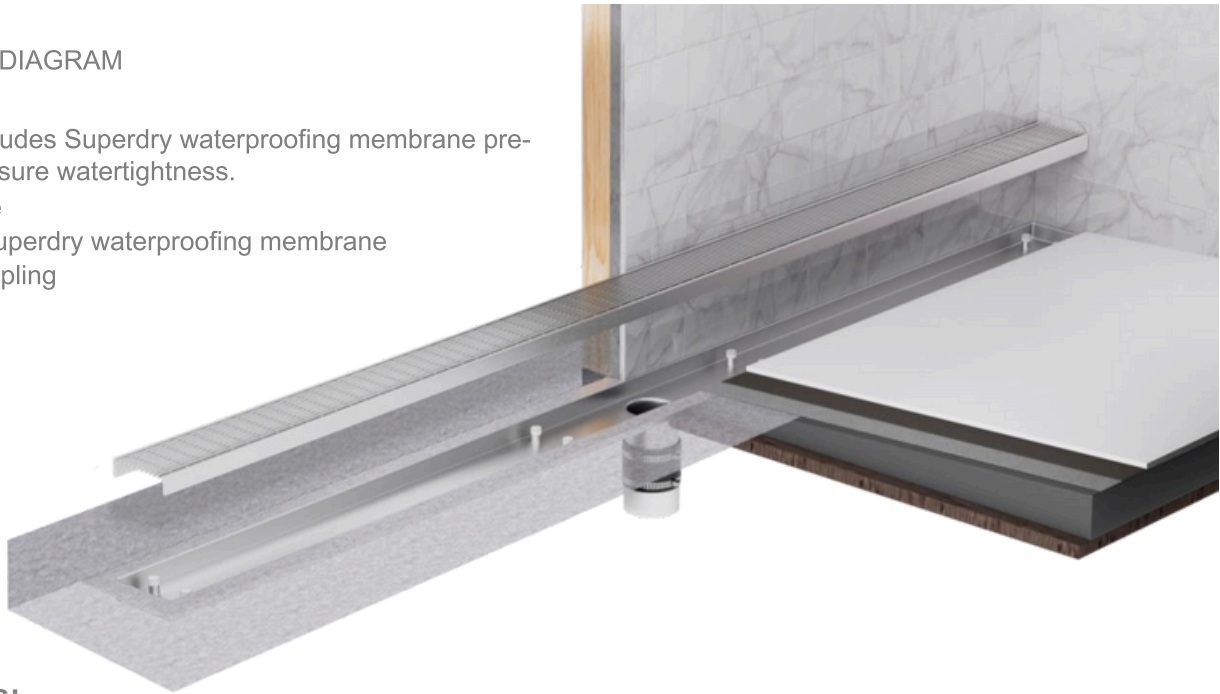


Flange Edge and Side Outlet Linear Drain, Modern Installation

INSTALLATION DIAGRAM

Kit Includes:

- Channel includes Superdry waterproofing membrane pre-sealed to ensure watertightness.
- Linear Grate
- 32 Sq. Ft. Superdry waterproofing membrane
- No-Hub Coupling
- Sealant



Prerequisites:

Drain Location: Before starting installation, determine the drain’s position. If resizing an existing space or creating a new installation, ensure the subfloor is appropriately cut for access. Create a hole in the subfloor for the drain outlet and waste line connection (maximum hole diameter: 5 inches).

The drain location must be finalized before constructing the shower system.

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

For Curbless Showers: If installing a curbless shower, use the Bracket Kit Recess for a smooth, seamless transition in wood subfloors. For curbed showers, install the necessary curb(s) before proceeding.

Notes:

- For complete waterproofing of the shower and surrounding areas, we recommend using the Superdry Waterproofing Membrane. Extend the membrane to shower walls and adjoining spaces to create a fully sealed, moisture-resistant environment.
- QM® recommends professional installation by a licensed contractor.
- Maintain a minimum slope of 2% or ¼” per every 12 inches from shower walls to the drain.
- Proper floor slope is crucial for efficient water flow.
- A lifting key assists with grate removal.



INSTALLATION DIAGRAM
(Side Outlet)

Step 1: Determine Drain Location

Identify the desired position of the linear drain within the shower space. Cut a hole in the subfloor (no larger than 5 inches in diameter) to allow access to the waste line. Ensure the subfloor is clean, level, and free of debris.



Step 2: Frame the Shower Area

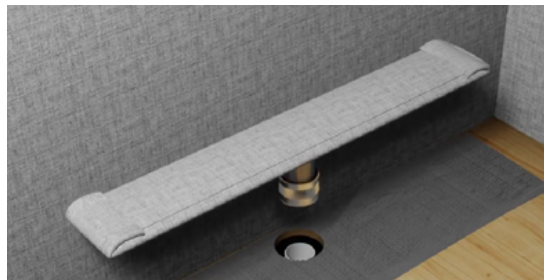
Construct the shower framing around the chosen drain location. Verify the waste pipe is in position and ready to connect to the drain.

Step 3: Connect Waste Pipe

Attach a 2-inch no-hub coupling to the waste pipe. Maintain a 1.25-inch gap between the top of the waste pipe and the top of the leveled subfloor.

Step 4. Set the Drain Channel

Spread thin layer of preliminary mortar over the area where the drain will sit. Place the stainless steel drain channel into the mortar and connect the outlet to the waste pipe using the no-hub coupling. Ensure the channel is level with the subfloor.



Step 5: Create Mortar Slope

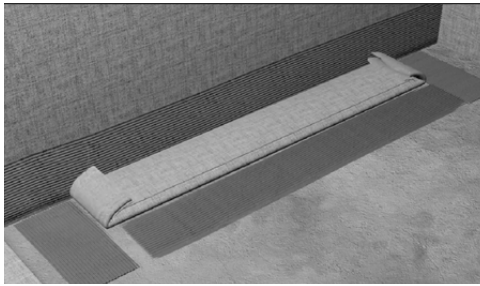
Trowel mortar across the entire shower floor, maintaining a consistent slope of $\frac{1}{4}$ inch per foot toward the linear drain. Use the edge of the drain flange as your starting point. Allow the mortar bed to cure completely and verify correct slope before proceeding.

Important Note: If using the Curbless Bracket Kit, use a heavily modified mortar such as Laticrete 3701, Mapei Planislope, or Mapei Ultraflex, which can support a $\frac{1}{4}$ -inch depth.



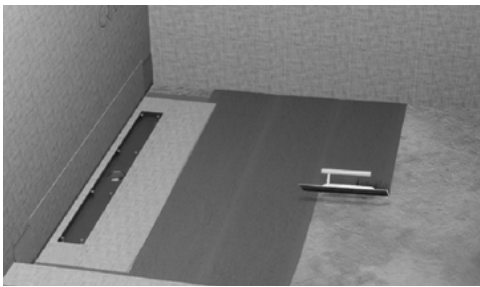
Step 6: Install Membrane Collar

Apply thin-set mortar to the floor and wall surfaces around the drain and adhere the sealed membrane collar. Fold the sheet as needed for corner formation.



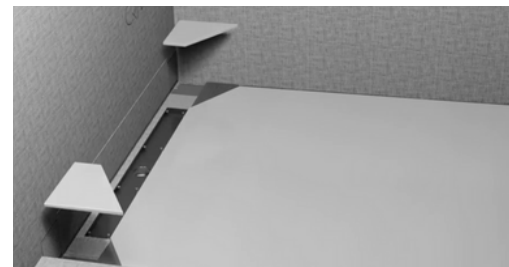
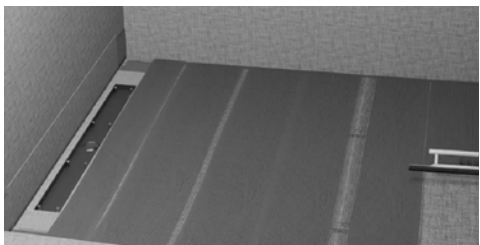
Step 7: Apply Waterproofing Membrane

Using a 3/16-inch V-notched trowel, spread thin-set mortar across the cured mortar bed on the shower floor. Install the Superdry waterproofing membrane over the thin-set, overlapping all seams by at least 2 inches. Use a flat trowel to remove any air pockets.



Step 8: Tile Installation

Apply thin-set mortar and install tile across the shower floor and walls. Do not tile over the drain. Grout the tile once it is set, ensuring clean edges around the drain.



Step 9: Install the Grate

Insert the grate into the linear base. Use the adjustable leveling feet inside the channel to raise or lower the grate for a flush finish with the tile.

If using a Mist (Tile-in) style grate, apply thin-set to the underside of the tile piece and set it into the grate. Remove any excess mortar.

Step 9: Extend Waterproofing (Optional but Highly Recommended)

For additional protection, continue applying the Superdry membrane to the walls and surrounding bathroom floor areas. This step is especially important for curbless or open-conce

Waterproofing Floor/Wall/Ceiling:

Extend waterproofing throughout the bathroom floor and walls (at least up to the showerhead height) using QM Superdry membrane, either prior or after the shower's construction.

1. Prepare Surface: Clear any debris from the solid backing surface.
2. Apply Thin-Set: Apply Fast Setting Self-Curing thin-set mortar using a 3/16" V-notched trowel. Place Superdry waterproofing membrane in the mortar, ensuring full coverage and removing air pockets. Overlap edges by 2".