

INSTALLATION MANUAL

Flange Edge and Side Outlet Flange Edge Standard Length Linear Drain

INSTALLATION DIAGRAM

Kit Includes:

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



Prerequisites:

Drain Location: Before beginning installation, determine the drain's position. For new installations or resizing existing spaces, ensure the subfloor is appropriately cut for access. Create a hole in the subfloor for the drain outlet and coupling to the waste line (maximum hole diameter of 5 inches). Note that the drain location must be established before proceeding to build the shower system.

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

For Curbless Shower: If opting for a curbless design, consider adding the Bracket Kit recess to the wood subfloor for a smooth curbless installation. Alternatively, for curbed showers, add the necessary curb(s).

Note: To ensure comprehensive waterproofing for both the shower and surrounding areas, we recommend utilizing our Superdry waterproofing membrane. Extend this protection to shower walls and adjoining spaces to establish a fully sealed and moisture-resistant environment.

Installation Steps:

Access to Plumbing from Below: If plumbing access is available from below, connect the waste line after installing the QM Drain. The drain can be installed alongside the mortar bed.

1. **Position and Frame:** Determine the drain's location and frame the shower surround accordingly.
2. **Connect Waste Pipe:** Begin by attaching the non-hub coupling to the waste pipe. Maintain a 1.25" distance between the leveled subfloor's top and the waste pipe's top. Spread preliminary mortar

across the intended drain location and set the drain in place. Connect the outlet section to the existing waste pipe using the 2" no-hub coupling. Ensure the stainless steel channel sits level on the subfloor.

3. **Trowel Mortar:** Trowel mortar onto the subfloor, creating a ¼" per foot slope toward the shower drain. The flange edge determines the starting point. After curing the mortar, verify the correct slope before proceeding.

Important: If You are using our Curbless Bracket Kit Recess, the mortar to use must be heavily modified that can go down 1/4" depth, such as: Laticrete 3701, Mapei Planislope, Mapei Ultraflex.

4. **Membrane Collar:** Apply thin-set to adhere the sealed membrane collar to the floor and wall. Fold the sheet as needed for corner formation.
5. **Waterproofing Membrane:** Apply thin-set and install waterproofing membrane on the shower floor, overlapping by at least 2 inches. Remove air bubbles with a trowel. Consider covering walls with Superdry membrane.
6. **Tile Installation:** Apply thin-set and install tile and grout. Ensure tiles do not cover the drain channel.
7. **Grate Installation:** Install the grate into the shower linear base. Use adjustable level feet inside the channel to achieve a flush finish with the floor height. For Mist (Tile-in) grates, apply thin-set mortar to the tile's underside and place it atop the grate. Remove any excess material.

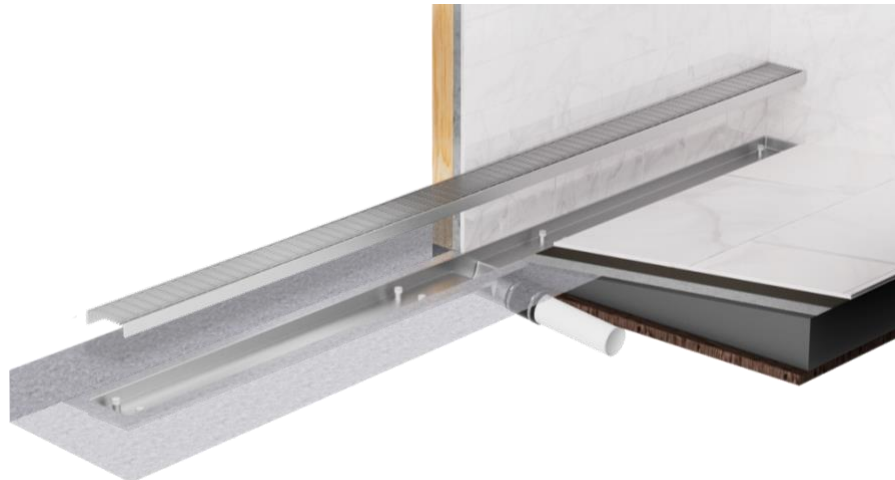
Waterproofing Floor/Wall/Ceiling:

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".

Note:

- QM® recommends professional installation by a licensed contractor.
- Proper floor slope is crucial for efficient water flow. Maintain a minimum slope of 2% or ¼" drop per every 12 inches from shower walls to the drain.
- A lifting key assists with grate removal.



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