

Shower Layout & Material Planner

Map your high-end remodel without moving existing plumbing.

Upgrade your daily routine using your current pipe locations. Use this planner to calculate exact tile quantities, plot dimensions, and verify fixture clearances.

● Key Layout Dimensions

2-3 inches

Low-step shower curb height

4-5 inches

Shower curb structural width

3.5 inches

Hidden pony wall niche depth

36 inches

Niche bottom above shower floor

36-42 inches

Standard pony wall height

12x24 or 24x24 in

Oversized wall tile dimensions

Min. 12 inches

Gap between glass and ceiling

Min. 18 inches

Retrofit head ceiling clearance



Epoxy Grout on Pan

Use two-part epoxy grout on sloped shower pans with 2x2 mosaic tiles. It never needs sealing and prevents water penetration in high-traffic wet zones.

● Glass Partition Sequence

- 1 Secure the framing** Anchor pony wall studs into floor joists to prevent lateral wobbling when touched.
- 2 Install the blocking** Add horizontal wood blocking between studs specifically where the metal glass channel mounts.
- 3 Waterproof the sill** Wrap the top of the half wall with continuous membrane before tiling.
- 4 Mount the glass** Fasten U-channel through finished tile directly into structural blocking for rigid installation.

● Select Your Grout Type

Find your row: **Tile location**

Title location	Your pick	Why
Sloped shower pans	Two-part Epoxy	Maximum water resistance; no sealing
Large format walls	Pre-mixed Urethane	High water resistance; no sealing
Occasional moisture	Modified Cement	Moderate resistance; annual sealing
Dry wall zones	Standard Cement	Low resistance; frequent sealing

● **Verify Before You Buy**

- Confirm existing internal mixing valve brand for trim kit compatibility.
- Measure shower arm to ceiling distance for retrofit column clearance.
- Locate wall studs to ensure the recessed niche fits perfectly.
- Identify floor joist locations to securely anchor the pony wall.

● Layout & Material Notes

Start mapping your beautiful, high-end remodel today—no moved pipes required!