Patio Tile Calculator & Layout

Plan your 1-day transformation that snaps directly over old cement.

Transform your outdoor space in a single afternoon. Use this guide to calculate materials, prep your slab, and lock in a flawless checkerboard pattern.



Key Specifications

+ 10%
Overage to add for custom cuts

1/4 in
Max surface variance per 10-foot span

1/2 in
Elevation of built-in drainage grid

12-18 mos
Reapply oil to UV-resistant finish

Best Starting Corner

Always begin at the most visible 90-degree corner, usually against the sliding door. This ensures trimmed pieces hide along the outer grass line.

Checkerboard Layout

1. **Orient First Square** Place the first tile with wooden slats running parallel to your exterior house wall.
2. **Alternate Rotation** Place the second square directly next to it with slats running perpendicular.
3. **Snap Together** Press firmly downward until the plastic loops click securely over the neighboring pins.
4. **Offset the Rows** Start your second row with a perpendicular square to offset the visual grid.

Thermal Expansion Gaps

Find your row: **Material Interface**

Material Interface	Your pick	Why
Wood Siding	1/2 inch	Prevents moisture transfer
Brick or Stucco	3/8 inch	Allows thermal expansion
Heavy Railing Posts	1/4 inch	Stops buckling in summer
Concrete Steps	1/4 inch	Accommodates natural shifting

Before You Snap

- ○ Sweep away all loose debris so plastic bases sit perfectly flat.
- ○ Fill deep cracks wider than a half-inch with fast-setting patch.
- ○ Check underlying slope with a long level for proper rainwater drainage.
- ○ Break irregular shapes into smaller rectangular zones before calculating total footprint.
- ○ Use sloped edge transition pieces to eliminate blunt perimeter tripping hazards.

Measurements & Layout Notes

Enjoy your beautifully upgraded patio and those warm, relaxing outdoor weekends!