

Custom Paver Patio Calculator

Build a stable, high-end outdoor living space this weekend.

Transform basic concrete squares and crushed stone into a stunning architectural grid. Use this guide to calculate exact materials and build a perfectly level foundation.

● Key Project Dimensions

4 in

Topsoil excavation depth

3 in

Compacted base gravel thickness

12x12 in

Basic concrete step stones

2 in

Oversized decorative gaps

14 in

Design increments for grid layout

10 in

Steel landscape spikes

6 in

Minimum landscape fabric seam overlap

Camouflage The Plastic Edging
Sprinkle a thin layer of organic topsoil directly over the exposed plastic lip and lightly seed it with a matching grass variety for an invisible perimeter.



● Building Your Custom Patio

- 1 Excavate And Compact** Dig trench, compress native soil with a plate compactor, lay fabric, and tamp the base gravel.
- 2 Install Buried Edging** Stake heavy-duty plastic tightly around the perimeter flush with the soil line to retain materials.
- 3 Set The Pavers** Place concrete squares using a scrap wood spacer, checking alignment perfectly straight with bright mason lines.
- 4 Fill And Lock Joints** Sweep angular crushed stone flush to the surface, mist lightly, and consolidate joints with a hand tamper.

● Weekend Material Calculator

Patio Sq Ft	Concrete Pavers	Base Gravel	Crushed Stone
50	39 squares	25 50-lb bags	5 50-lb bags
100	77 squares	50 50-lb bags	10 50-lb bags
150	116 squares	75 50-lb bags	15 50-lb bags

Calculates total footprint; accounts for the oversized decorative gaps.

● Required Drainage Slope

Find your row: **Patio Width**

Patio Width	Your pick	Why
4 feet	1 inch drop	Directs heavy rainfall away
8 feet	2 inch drop	Prevents standing water damage
12 feet	3 inch drop	Maintains a subtle invisible slope

● Check Before You Buy

- Measure total outside perimeter in linear feet plus ten percent overage.
- Soak trench for two hours if driving spikes into dry clay.
- Confirm crushed stone has sharp, angular edges; avoid smooth river rock.
- Select furniture with wide feet or sled bases to bridge gaps.
- Keep a spare bag of angular stone to top off settling.

● Project Notes

Enjoy your beautiful new custom patio and warm, relaxing evenings outdoors!