

Follow these easy, do-it-yourself instructions for great results for patios, garden walks, pool decks, parking pads, and driveways.

**Materials and tools needed:** Wooden stakes, string, hammer, chalkline, 1" diameter sand screed guides (pipe, wood, etc.), vibrating plate compactor (can be rented), wheelbarrow, wide blade mason's chisel, broom, garden rake, measuring tape, 2"x4"s or 2"x6"s, 4 ft. level, flat shovel, 1/2"-3/4" gravel (enough to fill area to be paved to 2" depth), sand (coarse concrete sand, enough to fill to 1" depth), Concrete Pavers.



## Site Preparation:

1

Determine and mark off area for paver installation. Make pencil drawing with exact dimensions to simplify material ordering process.

Remove dirt to depth of at least 5-1/2".



## Base Preparation:

2

Run plate compactor over graded installation area. Then place 1/2"-3/4" (19 mm) graded base material (gravel) in excavated area to a depth of 2". Rake until even and run plate compactor over base material.



## Sand Bed:

3

Place coarse sand over gravel base. Using screed, pull sand to an even surface approximately one inch deep. Keep sand dry and do not attempt to cover uneven areas with sand.



## Edge Restraints:

4

Snap chalkline on base material before you screed sand. Spike edging so that the chalk line remains visible. Using a trowel, cut straight down the chalk line into the sand down to the base and pull back the sand. Do not scrape base material. Place the edging flat onto the base.



## Placing Pavers:

5

Select pattern then, starting from a defined edge, lay first paver. As you start laying pavers, work from right to left, then left to right laying one row at a time. Set pavers lightly onto sand without pressing or hammering. Set the pavers hand tight without using a hammer. If doing the project over several days, cover area in case of rain.



## Compact Surface:

6

Using a vibrating plate compactor, make at least 2 passes over the pavers starting from the perimeter and working to the center. Overlap each pass 2" to 4". Make the second pass at a 45 degree angle to your first. This will level all the pavers, compact the sand bedding course and force sand into the joint.



## Final Step:

7

Spread thin layer of jointing sand over surface. Using stiff bristle broom, sweep back and forth over entire pavement until sand stops falling into joints. Alternating between tamping and sweeping, work the material into the joint. If you make a pass with the plate compactor and no more joints open up, you're finished! Sweep off excess sand and backfill edges with top soil, sod or seed.