



POLYCOR

GRAVEL PAD PREPARATION GUIDE

FOR INSTALLATION OF GRANITE STEPS

NECESSARY TOOLS

- Rake
- Shovel
- Hand Tamper
- 4'0" Level
- 2" x 4" x 8'

HELPFUL TOOLS

- Pick
- Wheelbarrow
- Gas Operated Plate Compactor

MATERIALS

TYPE

Processed gravel, also known as driveway base, $\frac{3}{4}$ " or 1" base or crushed bank run contains the appropriate amounts of crushed stone, sand and other fine materials to create excellent compaction.

Please note that pea stone, small crushed stone and sand do not compact well and may shift or wash out.

DIMENSIONS

Length of Pad = A inches (left to right)

Width of Pad = B inches (front to back)

Depth of Pad = C

For depth dimension ONLY take the depth of your pad and divide by 12. For example, a 6" pad would be listed as 6/12 or .50

CALCULATE MATERIAL NEEDED

To calculate approximate material needs, multiply A x B x C and divide by 144 to get cubic feet. For example, material for a 48" x 36" x 6" pad would be calculated as (48" x 36" x .5)/144 which would equal 6.00 cubic/feet.



Very large sets of steps may require a concrete pad. See your dealer prior to starting your base preparation to confirm which would be best for you.

STEP 1

Excavate an area approximately 1' deep that is 6" longer (left to right) than the outside dimension of your set of steps. Make sure this area has been properly located with regard to your doorway and has been compacted prior to adding your processed gravel.

NOTE: It may be necessary to excavate deeper depending on existing soil conditions to insure a well compacted, good draining base.

STEP 2

Using processed gravel, as specified above; fill the excavated area with 3"-4" layers, compacting each layer as you go. A gas operated plate compactor works very well. If a compactor is not available, reduce the thickness of the layers, wet down and use a hand tamper or roller to achieve compaction.

STEP 3

Compact the final layer at the level where you desire the bottom of your first step. Use your 4' level, with a 2" x 4" if necessary, to confirm that your base is level both left to right and front to back.

STEP 4

Granite steps must be professionally installed and always require a prepared base.

See your local Polycor Hardscape & Masonry dealer for more information.