

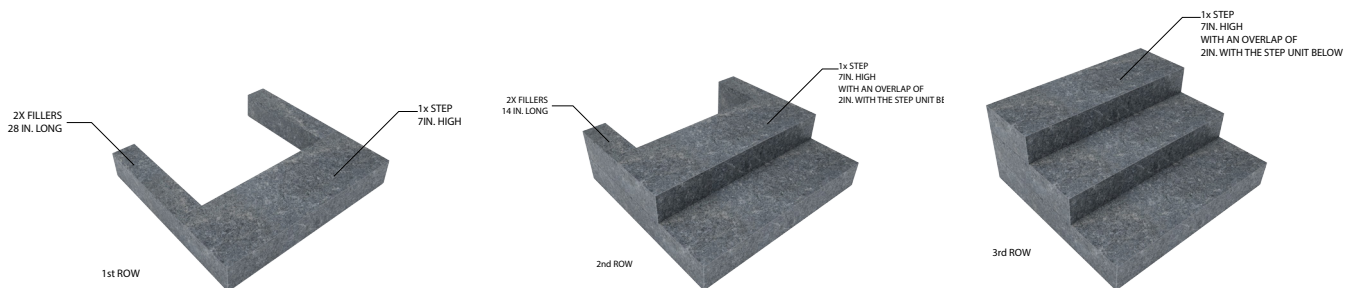


7" STEPS

INSTALLATION GUIDE

to the foundation, located below the door threshold at the top of the steps. When the final top step is placed, the back of the top step will then butt up against the kickplate and also be flush with the step fillers below it.

- e. Evenly space the filler pieces so that the measurement from the split-face edge to the one opposite is equal and equivalent to the length of the step which is to be installed on top (4').
- f. Once complete, set one of the 4' steps flat on the concrete or gravel pad, directly in front of the two step fillers. Align it so that the outside edges of the step are flush with the outside edges of the fillers.
- g. As long as the pad area is level, it is recommended to pitch first tier away from the home in order to allow for proper water runoff. $\frac{1}{4}$ " over 4' of length is sufficient.
- h. Due to possible variations in thickness, plastic shims (on concrete pads) or additional gravel (for gravel pads) may be required to align the height of the step with the height of the step fillers, as previously mentioned.
- i. Once the first tier of steps and fillers is in place, properly pitched, and tested to ensure that there is no movement when walking on them, it is time to build the second tier.
- j. The second tier will use the remaining two fillers (1'-2" in length). Repeat the same procedure used for the first tier's filler pieces. Ensure they are level and place another 4' step on top. This step will overlap the step below it by two inches.
- k. If shim work is required, it is recommended to place shims towards the inside of the filler or step edges so that they won't be visible from the outside.
- l. Once the step and filler pieces of the second tier have been installed and stabilized, the final top step can be placed. If the installation procedure outlined above was followed properly, the final step should be stable and not move. Should the top step have some movement, it will be necessary to use plastic shims where appropriate, preferably out of sight of the most direct access to the steps.



CONCRETE PAD

PREPARATION GUIDE

FOR INSTALLATION OF GRANITE STEPS

NECESSARY TOOLS

- Rake
- Shovel
- Hand Tamper
- 4' Level
- Ready Mix Concrete
- 2" X 4" X 8' and 2" X 6" X 8'

HELPFUL TOOLS

- Pick
- Wheelbarrow
- Gas Operated Plate Compactor

MATERIALS

TYPE

Ready Mix concrete is typically a pre-blended mix of fine and coarse aggregate and Type 10 Portland cement. Please review the manufacturer's instructions for volume specific information and mixing instructions.

DIMENSIONS

Length of Pad = A inches (left to right)

Width of Pad = B inches (front to back)

Depth of Pad = C inches (top to bottom)

For depth dimension ONLY take the depth of your pad and divide by 12. For example, a 6" pad would be listed as $\frac{6}{12}$ or $\frac{1}{2}$.

CALCULATE MATERIAL NEEDED

To calculate approximate material needs, multiply A X B X C and divide by 144 to obtain cubic feet. For example, material for a 48" X 44" X 6" pad would be calculated as $(48" \times 44" \times \frac{1}{2}')/144$ which would equal 7.33 cubic feet.

CONCRETE PAD

PREPARATION GUIDE

FOR INSTALLATION OF GRANITE STEPS

STEP 1

Excavate an area approximately 6" deep that is 2" longer (left to right) than the outside dimension of your set of steps. Make sure this area has been properly properly centered with your doorway and has been compacted prior to adding your concrete.

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

STEP 2

Form up the area with 2" X 6 wood boards to create a box at the appropriate height from the top of the threshold. Theses must be level from left to right and from front to back.

STEP 3

After slightly overfilling your form with concrete, use a 2" X 4" in a side-to-side sawing motion to screed off any excess using the top of your form as a guide. After the concrete has hardened the wood forms can be removed.

STEP 4

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

See your local Polycor dealer for more information.

GRAVEL PAD

PREPARATION GUIDE

FOR INSTALLATION OF GRANITE STEPS

NECESSARY TOOLS

- Rake
- Shovel
- Hand Tamper
- 4' 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 inches (top to bottom)

For depth dimension ONLY take the depth of your pad and divide by 12. For example, a 6" pad would be listed as $\frac{6}{12}$ or $\frac{1}{2}$.

CALCULATE MATERIAL NEEDED

To calculate approximate material needs, multiply A X B X C and divide by 144 to obtain cubic feet. For example, material for a 48" X 44" X 6" pad would be calculated as $(48" \times 44" \times \frac{1}{2}')/144$ which would equal 7.33 cubic feet.

GRAVEL PAD

PREPARATION GUIDE

FOR INSTALLATION OF GRANITE STEPS

Very large sets of steps may require a concrete pad. See your dealer prior to preparing your base 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 centered with 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 draining base.

STEP 2

Using processed gravel, 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 to the level where you desire the bottom of your first step. With the help of a 2" X 4", use your 4' level to confirm that, to confirm that your base is level from both left to right and from front to back.

STEP 4

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

See your local Polycor dealer for more information.