



ROSETTA™
WALLS • STEPS • ACCENTS

INSTALLATION
GUIDE

Step Installation:

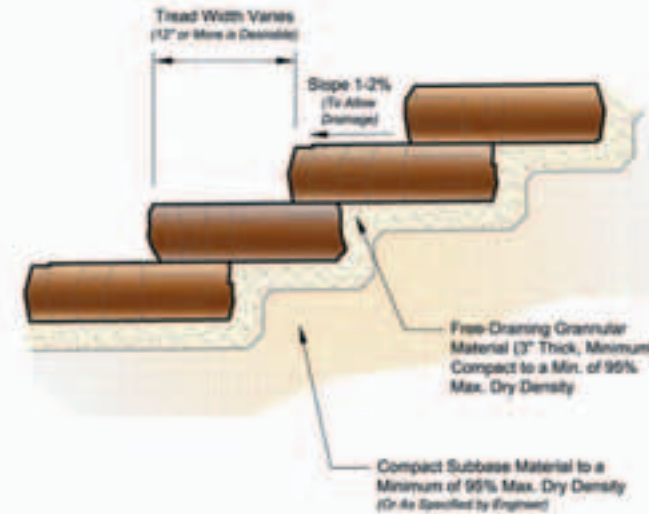
Begin the step installation process by measuring the total rise required and calculating the number of steps to be used. Each step has a 5½" rise, but should be sloped approximately ½" such that the back of the step is higher than the front of the step. This sloping will facilitate surface water drainage. With appropriate sloping, the net rise of each step is 6". Divide the total rise by 6" to get the number of steps required.

*Note: If using a step w/ a rise other than 5 ½", use the same methodology, simply substitute with the actual rise.

Next, **calculate the tread width**. Generally, when the grade allows, a 12" or wider tread is desirable. To calculate the tread width, divide the total allowable horizontal run minus the width of the top step, by the number of steps minus one. The one less will account for the top step.

Consider the following example:

Total rise = 42", Total horizontal run = 108", Width of top step = 24", Number of steps = $42" \div 6"/\text{Step} = 7$ Steps
Tread Depth = $(108" - 24") \div (7 - 1) = 14"$ Tread Depth



Excavate and grade the area for first step. Steps should be placed on at least 3" of free draining soil, such as sand or pea-stone. Compact soil to a minimum of 95% Standard Proctor.

Place step with either forks or straps using a small excavator or skid-steer to lift the piece into place. Practice safe handling procedures during this process.

Fill behind each step with free draining soil and compact to 95% standard proctor. Remember to slope fill to allow for proper drainage when next step is placed. Continue placing steps in this manner until finish grade is reached.

