



# Concrete Pad Preparation for Installation of Granite Steps



## \*\* Please Read \*\*

*Ask your Swenson Granite Works representative for the proper dimensions for your particular step configuration.*

*Also, please note that Swenson Granite Works cannot be responsible for improperly prepared bases that may cause settling or shifting of the steps over time*

*Finally, very large steps may require your concrete pad to be anchored to your foundation wall. Please speak with a Swenson Granite Works representative for more information regarding your specific application.*

### Tools

Necessary			Helpful		
 Rake	 Shovel	 Hand Tamper	 Pick	 Wheelbarrow	 Gas Operated Plate Compactor
 4' Level		 Ready Mix Concrete			
 2" X 4" X 8" and 2 X 6" X 8"					

Concord, NH  
369 N. State St.  
Concord, NH  
P.603.225.4322

Amherst, NH  
86 Route 101A  
Amherst, NH  
P.603.672.7827

Westbrook, ME  
582 Bridgton Rd.  
Westbrook, ME  
P. 207.797.4500

Medway, MA  
10 Main St.  
Medway, MA  
P.508.533.2882

Rowley, MA  
125 Newburyport TPK  
Rowley, MA  
P.978.948.3363

Hanover, MA  
742 Washington St.  
Hanover, MA  
P.781.829.0233

Newtown, CT  
292 S. Main St.  
Newtown, CT  
P.203.270.6644

N. Kingstown, RI  
22 Austin Road  
N. Kingstown, RI  
P.401.402.1844



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<b>Materials</b>		
<u>Type</u>	<u>Dimensions</u>	<u>Calculate Material Needed</u>
<p>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</p>	<p>Length of Pad = A <input style="width: 40px;" type="text"/> inches</p> <p>Width of Pad = B <input style="width: 40px;" type="text"/> inches</p> <p>Depth of Pad = C <input style="width: 40px;" type="text"/> *</p> <p><i>* For depth dimension <u>ONLY</u> take the depth of your pad and divide by 12. For example, a 6" pad would be listed as 6/12 or .50</i></p>	<p><b>To calculate approximate material needs multiply A X B X C and divide by 144 to get cubic feet.</b></p> <p>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.</p>

<b>Step 1</b>	<p>Excavate an area approximately 6" deep that is 2" longer (Left to right) than the outside dimension of your set of steps that have been properly located with regard to your doorway. Make sure this area has been properly located with regard to your doorway and has been compacted prior to adding your concrete. <b>NOTE: It may be necessary to excavate deeper depending on existing soil conditions to insure a well compacted, good draining base.</b></p>
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<b>Step 2</b>	<p>Form up area with 2" X 6" wood to create a box at the appropriate height from the top of the threshold. These wood forms must be level in both directions from left to right and front to back.</p>
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<b>Step 3</b>	<p>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. <b>If the base area is not prepared prior to the arrival of our delivery truck the steps cannot be installed. If this is the case a second delivery attempt will be scheduled and a second delivery fee will be assessed.</b></p>
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**Thank you once again for choosing Swenson Granite Works as your supplier of fine manufactured granite products.**