

# Replacement Ground Stakes for 2" and 3" Poles

The installation of a ground stake is as vital as the foundation of your home. Both need to be done correctly in order to support the housing.

**Step 1)** Using a post hole digger dig a hole with a minimum depth of 32-36" by 12" (for 3" poles) 9" (for 2" poles) in diameter. *Poor soil conditions may warrant a larger hole and more concrete.*



**Step 2)** Measure and mark your ground stake at 24" from either end. This will help keep your ground stake at the proper installed above ground height. **Tip!** Mark all 4 sides, its easier to see.



**Step 3)** You will need at least 4 bags of Ready to Use Concrete Mix, 40 pounds each.



**Step 4)** Empty contents of the Ready Mix into an old wheel barrow. *Mix and handle the concrete according to the directions on the bag.*

**Step 5)** Place about 4 inches of gravel into the hole.



**Step 6)** Fill your newly dug hole with concrete, right up to the top of your hole.



**Step 7)** Holding your ground stake vertically over the cement you firmly push down several inches then pull up a fraction, then push downward, slowly sinking the aluminum stake into the cement. **Stop inserting the**



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stake when your ground stakes 24 inch mark is level with the cement.

Step 8) Next fill the hollow tube with your left over cement. Compact the cement by using a piece of rebar inside the tube and bring it up and down, compacting the cement (or gently tap the exterior of the stake).



Step 9) Wipe off any cement from the exterior of the stake. Finish by sloping the concrete at the base of the stake. Check for plumb on two sides of the stake by using a level. Let your cement harden at least 2 days before you continue with the installation.



**TIP!** Before sliding your aluminum pole over the aluminum stake spray WD 40 or use engine oil on the aluminum stake.

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