

## POSTS IN CONCRETE INSTALLATION INSTRUCTIONS

If you are building a free standing patio cover or arbor, all posts MUST be set in concrete. Also, if you are building an attached patio cover or arbor and there is no existing concrete slab, you will have to set your posts in concrete. We do not supply the concrete. Sack concrete can be purchased at any local hardware store. Plan on using one 60-80 lb. bag of concrete per post hole.

Once you lay out the patio cover or arbor and determine where your posts will be located, a hole must be dug for each post. The dimensions of the hole must be 18" x 18" square and atleast 27" deep. The 8' long extruded aluminum fluted 3x3 posts that you received will slide into the 12' long square 3x3 post. Slide the extruded aluminum fluted 3x3 post all the way into the square 3x3 post until it is flush at the bottom. You may have to install a 1/4" self tapping tek screw into the bottom of the post to keep the extruded aluminum post from sliding out of the square 3x3 post. Also screw a couple of 2" Climaseal screws into the post 6" up from the bottom and 18" up from the bottom. Screw them in about half way and leave half of the screw sticking out.

Place the post into the hole with the end that has the screws into the hole. Now you can proceed to Step 3 of the installation manual for determining the post height. Once you have determined the post height and have assembled the post, put the post back into the hole and pour the post in concrete following the instructions on the bags of concrete that you purchased. ***MAKE SURE THE POST IS TURNED THE RIGHT DIRECTION AND IS PLUMB BEFORE POURING CONCRETE. YOU WILL BE ABLE TO FINE TUNE PLUMB AND SQUARE THE POST ONCE THE CONCRETE IS Poured.***

***NOTE: When you build the 2x6 post side plates, they do not have to go all the way down to the bottom of the hole. Only the 3x3 needs to go all the way down. The bottom of the 2x6 side plates only need to go a couple of inches below the level of the ground. Once posts are poured into concrete and checked for plumb and square, let the concrete set for the required amount of time according to the instructions on the sack of concrete before proceeding to the next step.***