



SIMTEK - Installation Instructions

6. Setting Posts.

- a. Set the top of each post 73.5" above the level you want the bottom of the panel. Panel support brackets should already be attached at 73.5". A string tied from start to finish of the fence line or a laser can accomplish this.
- b. Set a post in the hole with concrete. Using a mallet or hammer, tap the post into the concrete until the top of the post meets the desired height.
- c. Fill the remainder of the hole with concrete. Make sure the post remains at the desired height.
- d. Using a level, check two adjacent sides of the post. Two-way levels are useful. Adjust the post until it is both vertical and at the correct height.
- e. **If using a dry mix method**, first place the post in the hole in the approximate position at the bottom of the hole. Pour the dry mix in the hole, positioning the post as soon as it is feasible.
- f. Using the steel stiffener out of the panel, which is exactly 70.25", as a spacer, set the next post the same as the first.
- g. Place a level on the stiffener when the next post is in place to ensure the panels will be level.
- h. Do not move the post which is now in position.
- i. Leave the spacer in place for one hour minimum, as concrete begins to cure, to keep the posts from moving.
- j. Set 3 to 4 posts with spacers, then advance them one at a time, by moving the first spacer placed.
- k. Allow the concrete to cure for a minimum of 24 to 48 hours.
- l. For more information, see Illustration B at the bottom of this document.

7. Installing Panels.

- a. Panel support brackets must be attached to all posts.
- b. Be certain steel stiffeners are inserted in the top and bottom rails of each panel; they come installed from the factory, but may have been removed to use as post spacers.
- c. Panels are universal; there is no front or back, and no top or bottom



edge. Randomly installing panels gives the most pleasing aesthetic effect.

- d. Lift the panel bottom edge to approximately 4' off the ground.
- e. Place one edge of the panel into the post. Have one person flex the next post outward until the groove will receive the panel. Once the panel is captured, ease the panel down onto the support brackets. This process requires two people.
- f. Install caps, which are pressure fitted, over the posts.
- g. If there are concerns about caps being knocked off or taken off, caps can be attached with special primer and adhesive available from SimTek. Another option is to drive a 3" screw through the top of the cap into the middle of the post. However, attaching caps is usually unnecessary.
- h. If you are concerned about unauthorized panel removal from a finished wall, attach each panel with one screw through the panel edge into a post. This can be done at any location, but down low would be less noticeable.

8. Panels requiring attachment:

- a. Panels must be attached to all **end posts and corner posts.** Three spaced fasteners on the edge are recommended.
- b. Panels require attaching because they could conceivably become disengaged from the end and corner posts.
- c. **However, NEVER attach both edges of any panel to posts.**
- d. For more information, see Illustration C at the bottom of this document.

Illustration B

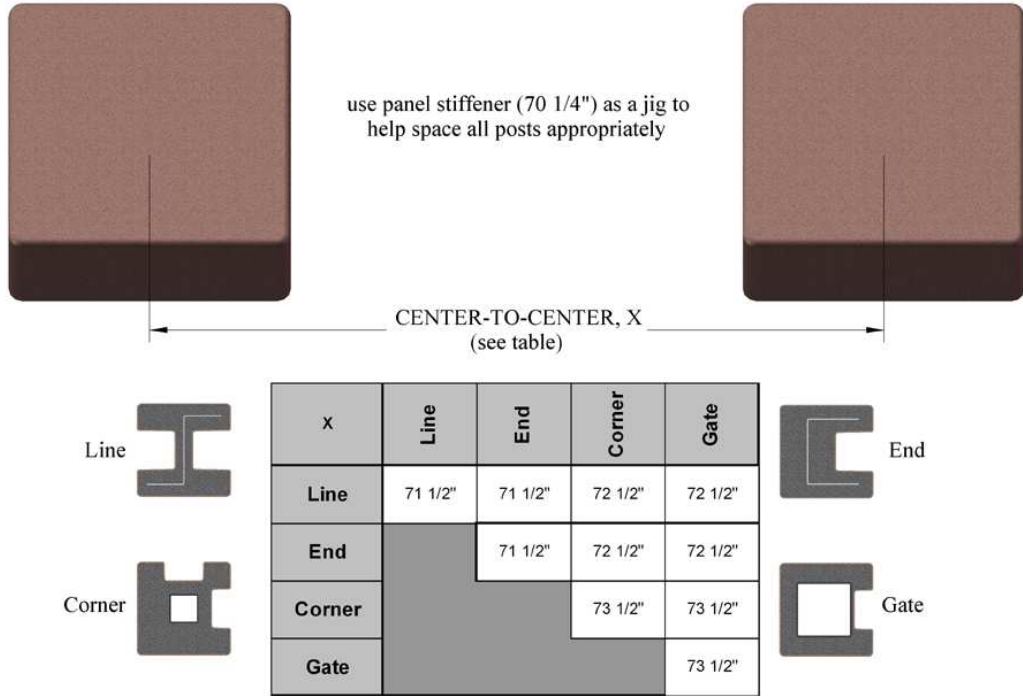
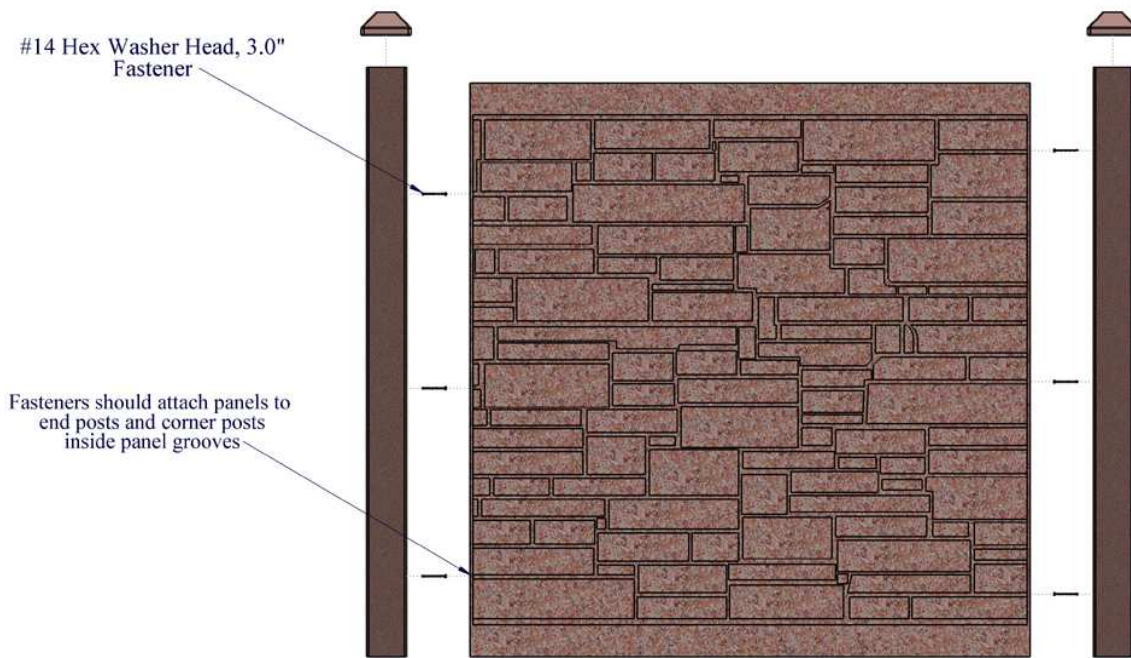


Illustration C



For information on fasteners, see SimTek Fastener Specifications