



## 17 Straightforward Steps to Installing Your Glass

With just some common tools, you can follow these 17 steps to install your Hansen glass railing system. We've produced a short [glass railing installation video](#) which you can watch, or you can follow along below:

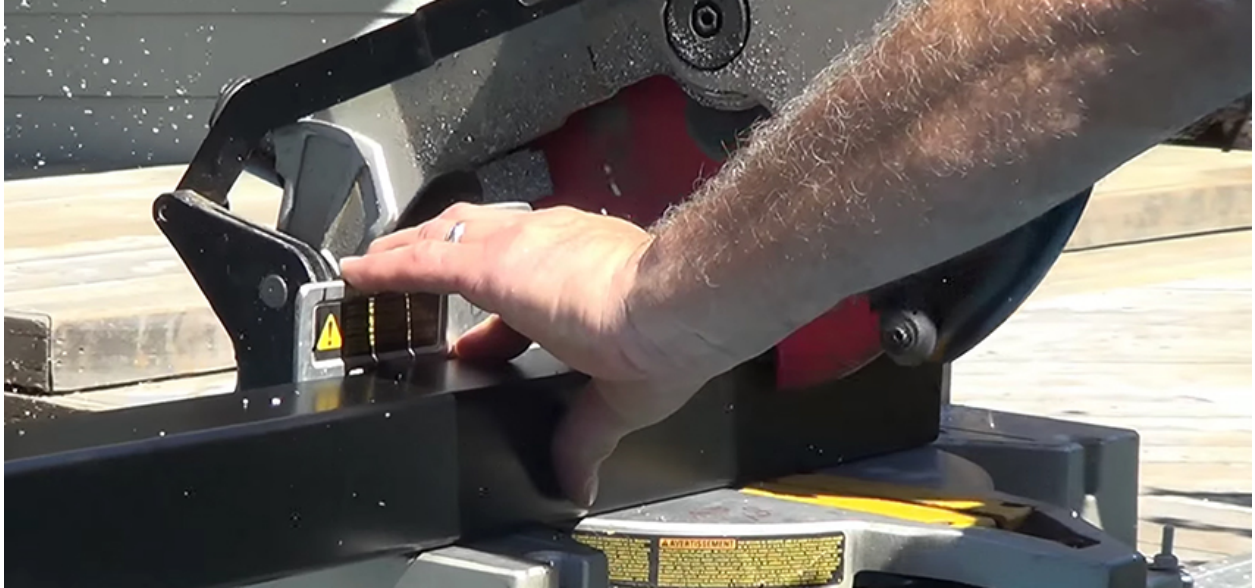
**Step 1:** Mark the fascia bracket spacing according to the layout provided in the Hansen approval drawings.



**Step 2:** Install the fascia brackets by first drilling a 1/4" inch diameter pilot hole, and then install the 4 3/8" lag screws per bracket. Be sure to include the stainless steel cupped washers on each lag screw.



**Step 3:** Use a chop saw to cut your end posts to the lengths specified in your drawings.



**Step 4:** Attach a string line between the end posts to determine the cut lengths of all intermediate posts. This assures the top rail will be level.



**Step 5:** Insert the posts in their mounts.



**Step 6:** Install the top rail brackets. For the corner posts, remove the perforated tabs.



**Step 7:** Use a chop saw to cut the top rail sections.



**Step 8:** Place the top rail over the posts and brackets.



**Step 9:** Install the self drilling screws through the underside of the top rail brackets to secure the top rail.



**Note:** If you have a run of top rail longer than 20 feet, you'll need to splice two top rail sections together. To ensure a tight splice, use a ratchet strap to pull the top rails together, and secure with the splice plates and self drilling screws.



**Step 10:** Using your tape measure, mark the posts where the bottom rail connecting blocks will be installed.



**Step 11:** Install the bottom rail connecting blocks.



**Step 12:** Measure the distance between the posts, and cut the top rail infill pieces and the bottom rails.



**Step 13:** Snap the top rail glass infill into the underside of the top rail.



**Step 14:** Use the provided self drilling #14 screws and washers to secure the posts to the fascia bracket. Don't forget to install the color matched button caps.



**Step 15:** Secure the bottom rails by installing the self drilling screws on the outside surface of each end of the rails.





**Step 16:** It's now time to measure for your glass panels. Measure the panels by deducting 3" from the horizontal post-to-post measurement, and add 3/4" to the vertical vinyl-to-vinyl measurement.



**Hint:** Lubricating the glass with glass cleaner prior to inserting into the rails helps.



**Step 17:** Insert the top of the glass panel into the top rail. Be sure to push the glass all the way up into the channel. Then insert the bottom of the glass into the bottom rail and centre the panel between the posts.



Now that you're done, it's time to sit back, and enjoy the great view from your deck.