

# Veranda

(Style C70)

## Installation Instructions

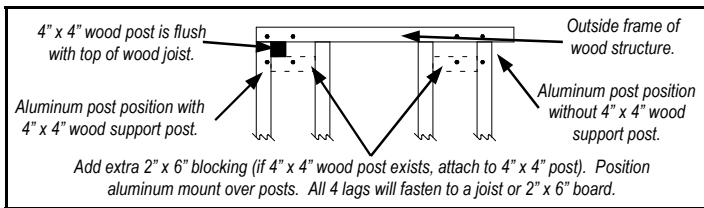


- These instructions must be followed exactly as written and the materials used must be exactly as shown in the instructions. Any deviation from the instructions or variation in the materials used/installed may result in an unsuccessful installation.
- When core drilling any post product where water can build up, the installer is responsible to drill a 1/4" hole as close to the bottom of the post by concrete as possible. If there is no weep hole, you may have damage from moisture build up and freezing thus potentially voiding the powder coating warranty.

### Installing Aluminum Post w/Adjustable Plate

1. Place the (2) stainless steel strips below the plate under the leveling bolts.
2. **For concrete installation**, fasten aluminum post to concrete using (4) 3/8" x 3" or longer concrete anchors (anchors not included).

**For wood surface installation**, fasten aluminum post to wood surface using (4) 5/16" x 4" or longer stainless steel lags (lags not included). **WARNING: When installing the Aluminum Post on top of a wood structure, the 4" lags MUST be lagged into at least 3" of solid wood! It will not be strong enough if it is fastened into a 5/4" or a 1 1/2" thick deck board! Below is an example of how to design the wood structure to accept the Aluminum Post. Any other way must meet or exceed these qualifications.**



When installing an aluminum post on top of a vinyl decking system, an aluminum adapter kit will be needed. The kit contains (4) 1/4" x 5" stainless steel lags and (4) 1 1/2" aluminum bushings.

3. Use a 1/2" open end wrench to level aluminum post with the leveling bolts on the welded plate.
4. Attach caps. Lightly tap with rubber mallet if needed.

### Angle (Swivel) Mount

NOTE: Angle (Swivel) Mounts must be unassembled to be installed properly.

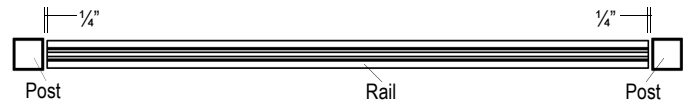
1. Attach to posts by removing the set-screw located on the inside of the angle mount.
2. Unscrew set-screw, remove retaining pin from the base.
3. a. Position bottom mount base so the bottom of the rail has no more than a 2" clearance. NOTE: A 1 3/8" spacer may be placed on the welded 3/8" plate of the post to reach the 2" clearance.  
b. Measure up 32 5/8" (for 36" tall railing) or 38 5/8" (for 42" tall railing) from top of bottom mount to top of top mount.
4. Keeping base of mount centered and pin hole turned down, fasten base to post with self-tapping screws (provided).
5. Re-assemble mount with pin and set-screw.
6. Angle swivel mount after mount is installed on post. Measure from back of cup to back of cup. Cut rails.
7. Assemble sections as specified in Standard (Level) Railing.

### Standard (Level) Railing

NOTE: Top rail is 1" longer on each end to accommodate Crossover Railing.

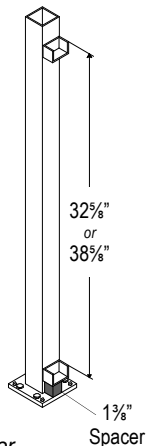
**CAUTION: Glass cannot be cut down or altered.**

1. Cut the rails to length by holding rails against posts. Rails are to be cut 1/2" shorter than the distance between the posts. NOTE: Distance from the post to the edge of the glass cannot be less than 1 1/4" or greater than 4". Mark rails where they are to be cut. NOTE: Make sure rail is cut a 1/4" shorter on each end to allow for mounts. Cut rails.

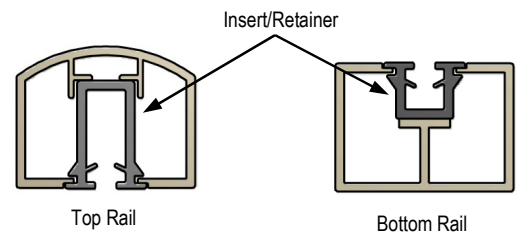


**Crossover Railing** - Cut bottom rail same as above. For top rail, make end spacing exactly 1" longer on the end connecting to the crossover post.

2. Attach bottom wall mount to post by positioning the bottom rail so there is no more than a 2" clearance. Keeping mount centered on post, fasten mount to post with self-tapping screws (provided). NOTE: A 1 3/8" spacer may be placed on the welded 3/8" plate of the post to reach the 2" clearance.
3. Attach top wall mount to post by measuring up 32 5/8" (for 36" tall railing) or 38 5/8" (for 42" tall railing) from top of bottom mount to top of top mount. Keeping mount centered on post, fasten mount to post with self-tapping screws (provided).



4. Insert bottom rail into mounts by lightly tapping with a rubber mallet.
5. Insert top rail into mounts by lightly tapping with a rubber mallet. Secure top rail with screws through mounts into rail. NOTE: For panels less than 30" wide or heights less than 32", insert glass into bottom rail, then fit top rail down over glass. Attach top rail to mounts.
6. Insert glass panel in top rail. Slide up to clear bottom rail and swing glass to align with bottom insert/retainer. Push glass down to bottom out in the bottom rail insert/retainer.



7. Snap rail covers into top and bottom rails. NOTE: Rail covers may need to be cut to fit.
8. Snap covers on mounts.
9. Attach 2-piece flairs to all posts.

