

Stair Rail Installation Instructions

Step 1.

Lay bottom rail on steps beside the posts. Make sure the routs are facing upwards. Measure the distance from the post to the first rout and center rail between posts.

Step 2.

Using the side of post as a guide, scribe a line on rail at both top and bottom of rail.

Step 3.

Cut rail on scribed lines.

Cut vinyl and aluminum separate. Aluminum must be same length and match vinyl. Deeper pocket of aluminum to face holes.

Step 4.

Slide brackets onto rail. Ensure flange or widest part of bracket is facing end of rail.

Pay attention to the orientation of the brackets. One is for the top of stairs and one is for the bottom.

Step 5.

Position bottom rail between posts. Ensure the distance between the underside of bottom rail and nose of tread is approximately one inch. This is essential for optimum stair rail performance.

Screw brackets onto posts per bracket instructions

Step 6.

Insert two pickets into bottom rail. Place in the third rout from post on each end. Do not insert all the pickets at this time.

Step 7.

Temporarily remove aluminum insert from top rail and position uncut top rail onto pickets. Make sure that pickets are inserted into the same corresponding routs as bottom rail. Using a level, ensure that pickets are plumb. Scribe top rail as in Step 2.

Cut vinyl on scribe line.

Cut aluminum same as vinyl.

See step 3.

Step 8.

Insert the remainder of pickets into bottom rail. Ensure pickets insert fully into rail and extend all the way to the bottom.

Step 9.

Reinstall the now cut top rail with aluminum insert onto pickets. Ensure pickets insert fully into top rail and extend all the way to aluminum insert. Position and install top rail to post.



CARE AND MAINTENANCE GUIDELINES

Vinyl Fence, Deck & Rail comes closer to being maintenance free than any other exterior building product. It may become dirty just as does a freshly painted house, a new automobile, or any other products that are exposed to atmospheric conditions. Because of its maintenance free benefits and clean surface, vinyl is the material of choice in today's outdoor market.

With very little effort, you can keep your vinyl fence, deck or rail clean. In most cases a heavy rain is sufficient to clean these products. The following are based on a study conducted by the *Vinyl Window and Door Institute* on the efficiency of cleaning agents and their effects on the appearance of vinyl window frames after two years of outdoor exposure. (Note: Our compound for window and door profile matches that of our compound for our fence, deck & rail products.) If rain does not do the job, follow these simple instructions at least once every three (3) months:

- Wash using a soft cloth or ordinary long-handled soft bristle brush.
- For difficult to remove dirt and stains such as top soil, motor oil, lithium grease, crayon, felt-tip pen, caulking, lipstick, grass, bubble gum, mold and mildew, use the readily available household cleaners listed on the next page. Follow manufacturer's instructions on use of cleaners.
- In some cases you may wish to use a mildly abrasive cleaner, such as Soft Scrub®, Ajax®, Bon Ami®, etc., but the use of any abrasive material could have a negative effect on the surface of fence, deck or rail profiles.
- Do not use cleaners containing aggressive organic solvents because they could affect the surface appearance of the vinyl. Examples of such cleaners are: chlorine bleach, liquid grease remover, strong soaps and detergents containing organic solvents, nail polish remover and furniture polish/cleaners.
- Power washing is an acceptable method for cleaning our decking product.