



600 SERIES **LEVEL** RAILING SYSTEM INSTALLATION INSTRUCTIONS

Step#1. Check all local building codes before installing railing.

Step#2. Install and prepare all mounting surfaces and post to which new railing will be installed.

Step#3. Start by measuring mounting surface for placement of black nylon mounting brackets. First from standing level surface measure up 3 1/2" and make a mark with pencil then another mark at 34 7/8" directly above first. ***FOR COMMERCIAL SYSTEMS THE MEASUREMENT IS 40 7/8.**

Step#4. Find center of mounting surface at each height measurement you made in step#3 and make a vertical mark to create a cross [+]. This will be indicator for screw placement when installing bracket.

Step#5. Now that all surfaces are marked. Install black nylon mounting bracket with 1 1/2" screw in bottom hole using indicator mark for alignment. Next square up bracket and secure with two remaining screws. Repeat this step on all marked surfaces.

Step#6. Measure in between bottom mounting brackets for rail length. When cutting rail down to size cut off equal amount from each end to allow for even picket spacing. NOTE: Rails have aluminum inserts inside so use proper saw for cutting.

Step#7. Insert 3 3/4" support block in single hole on underside of bottom rail then place rail in mounting brackets and secure using 1" self-drilling screws on both sides of the bracket, at each end of the rail.

Step#8. Place pickets in bottom rail holes then measure and cut top rail as the bottom was done in step 6. Length will be the same if mounting surfaces are level.

Step#9. Place rail in mounting bracket starting from one side to the other inserting pickets into corresponding hole in top rail. Then secure as was done in step 7.

Step#10. Place PVC cover clip over each mounting bracket, by spreading open and aligning tabs in top and bottom grooves of bracket. Be sure clips snap into place.

Step#11. Railing section is complete. If needed wipe down with mild soap and water to remove any dirt or grime from construction.

IT IS THE RESPONSIBILITY OF THE INSTALLER TO MEET ALL CODES, SAFETY REQUIREMENTS, AND QUALITY INSTALLATION OF THE RAILING SYSTEM.



SHORELINE

VINYL SYSTEMS

600 SERIES STAIR RAILING SYSTEM INSTALLATION INSTRUCTIONS

Step #1. Check all local building codes before installing railing.

Step#2. Install and prepare all mounting surfaces and post to which new railing will be installed.

Step#3. Lay bottom rail against mounting surface resting on stair treads. With equal space between mounting surface and nearest hole top and bottom mark with a pencil where they intersect. NOTE: If mounting surfaces are level top and bottom rails will be the same length. Make certain spacing matches bottom rail and mark.

Step#4. Cut rails on angles you have marked. Rails have aluminum inserts inside the vinyl so be sure to use correct saw when cutting.

Step #5 – With Rails cut to length, you will start with the bottom rail installation first by sliding the mounting brackets on both ends of the bottom rail. Set bottom rail between mounting surfaces (posts) and adjust placement to your desired height above the stair tread. With a pencil, mark a line at the top of the bracket on both ends. After mark is made, remove brackets from the rail ends, and place bracket on the post positioned underneath the line you just drew, screw bracket into posts using (3) 1.5” screws. Repeat for the other post.

Step #6 – Place bottom rail into the mounted brackets installed in Step #5, secure rail to brackets using (2) 1” screws on the side of each bracket. Now, insert your balusters into each routed hole in this bottom rail.

Step #7 – Place top rail on the top of each baluster by inserting them into the routed holes on the underneath side of the Top Rail. Slide the mounting brackets on both ends of the top rail. Set the top rail between mounting surfaces (posts) and adjust placement to the proper position. With a pencil, mark a line at the top of the bracket on both ends. After mark is made, remove brackets from the rail ends, and place bracket on the post positioned underneath the line you just drew, screw bracket into posts using (3) 1.5” screws. Repeat for the other post.

Step #8 - Place top rail into the mounted brackets installed in Step #7 with balusters inserted, secure top rail to brackets using (2) 1” screws on the side of each bracket.

Step #9 – With all four brackets mounted and rails secured in place with screws, now take the (4) bracket covers and place them over each bracket, and secure with the locking clasp on the underside of each cover.

Step #10 - Railing section is now complete. If needed wipe down with a mild soap and water to remove any dirt or grime left behind from the installation process.

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