



MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF SR 100 & SR 200 RAILING SYSTEMS  
(ESR-1657)

RECOMMENDED TOOLS AND MATERIALS

- |             |                  |
|-------------|------------------|
| * MITER BOX | * LEVEL          |
| * HACKSAW   | * MEASURING TAPE |
| * PENCIL    | * DRILL          |

STEP ONE

Check all local building codes for design load requirements for railing applications. Refer to our test reports for test results and reinforcing requirements.

STEP TWO

Install and prepare all mounting surfaces and posts to which your new maintenance free railing will be installed.

STEP THREE

Determine the level placement of the bottom rail making sure that there is a 2" space from the bottom of the rail to the standing level surface. At this point mark the mounting surface using a pencil.

STEP FOUR

Measure the opening that the lower rail is to be installed.

STEP FIVE

Cut the aluminum reinforcing to length; the top and bottom (bottom in 120 Series only) aluminum reinforcement can be cut to the same length as the rails.

STEP SIX

When trimming rails for installation; be sure to cut an even amount from each side. This will allow for a balanced look of your pickets.

STEP SEVEN

Re-insert your aluminum channels back into the sized vinyl rails.

STEP EIGHT

Slide mounting brackets onto both ends of the bottom rail and install so that the rail is 2" above the standing level.

STEP NINE

With the bottom rail fastened into place, put a picket into each picket hole in the bottom rail.

STEP TEN

Establish the height of the top rail, and then add an additional 1/8" – 1/4" to the established height of the top rail for clearance.

STEP ELEVEN

Slide brackets onto each end of the top rail.

STEP TWELVE

Beginning on one side; insert the top of each picket into the corresponding top rail picket hole, working your way across the rail to the other end. Position the top mounting brackets onto the previously marked areas making sure the railing is plum and square, now fasten.

STEP THIRTEEN

Your job is now complete. Should your railing have any loose dirt on it from the installation, wipe it off with a soft cloth and soap. For stubborn stains or scuffs, use an all-purpose cleaner.