After carefully measuring between level and plumb posts, cut top and bottom guardrails to length. Slide bottom rail brackets over ends of bottom rail.

Cover 4x4 posts or Fiberon Homeselect surface mount bracket (Item# 345061) with post sleeve and verify spacing. Posts should be plumb in both directions.

Center crush block on deck surface between posts. Set bottom rail on top of crush block. Place the bottom rail between the post sleeves using crush block to support and level the bottom rail.

NOTE: Rail lengths will vary slightly due to manufacturing processes. Make sure rails are cut properly to correct length, and with hole pattern centered between posts before securing.

NOTE: For best results, cut post sleeves with a 10-in. circular carbide-tipped blade, minimum 32-tooth.

NOTE: If using the post sleeve collar, make sure to position and glue collars in place prior to securing the bottom rail.

Prior to installing railing: Please consult local zoning laws in regards to load requirements and bottom space requirements for rails. All supporting structures must be in accordance with applicable building codes. Neighborhood associations and/or historic districts may regulate size, type, placement and type of railing. Apply for permits if required by local authorities and codes. Ensure compliance prior to installation. Local building code requirements will always supersede any and all suggested procedures and measurements in the following installation. The following installation instructions are intended as a general guideline based on common building practices used in railing installation.

When railing span is greater than the distance between posts, trim both top and bottom rail ends to maintain uniform baluster spacing. Measure distance, subtract 1/2-in. from measurement (1/4-in. on each side) to allow for brackets and flanges. Slide post sleeve collar over each post prior to installing bottom rails and press securely into place.

Rail Installation: Trim both ends of rail to maintain uniform baluster spacing. It is critical to ensure the trim mark does not create an open baluster Insert hole at the end of the rail where the bracket is attached. Adjust trim lines to maintain uniform baluster spacing.

The most recent installation instructions can be found on our website. Please visit www.fiberonhomeselect.com or call customer service at 800-318-7828.
Classic Line Rail Installation Instructions

4. Lightly trace a line to show the location of the bottom of bracket.
5. Place bottom rail on top of crush block between post sleeves.
7. Insert one baluster into the outermost routed hole at each end.
9. Place bottom rail brackets onto both ends of bottom rail.

10. Remove bottom rail and mark bottom bracket flange holes.
11. Insert all balusters in bottom rail.
12. Carefully position top rail and brackets between the posts. Lower until fully seated onto balusters.
13. Remove top rail and mark the location of the bracket flange.
14. Pre-drill holes with a 1/8-in. bit and attach the top bracket flange.
15. Place top rail brackets over each end of top rail.
16. Place top rail brackets on both ends of top rail.
17. Seat balusters into top rail. Press down on brackets to snap/lock top rail in place.
18. To secure the top rail, pre-drill two holes in the flange at the bottom of the bracket 2 1/2-in. deep with a 1/8-in. bit.
19. Secure the top rail using (2) supplied #10 x 2 1/2-in. screws. Do not overtighten.
20. Glue post sleeve cap onto post sleeve.

The most recent installation instructions can be found on our website. Please visit www.fiberonhomeselect.com or call customer service at 800-318-7828.
**Classic Stair Rail Installation Instructions**

NOTE: The slope of the stairs can be 30-36 degrees (an 11-in. run and a 7-in. rise results in a 32 degree slope).

NOTE: Rail lengths will vary slightly due to manufacturing processes. Make sure rails are cut properly to correct length, and with hole pattern centered between posts before securing.

NOTE: For best results, cut post sleeves with a 10-in. circular carbide-tipped blade, minimum 32-tooth.

NOTE: If using the post sleeve collar, make sure to position and glue collars in place prior to securing the bottom rail.

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### Step 1

Cut bottom rail to proper length, then align the hole pattern with the top rail and transfer the cut angle. Insert the bottom vertical bracket into both ends for the bottom rail.

### Step 2

Establish the angle by laying the bottom rail in front of the secured posts, and marking the angles making sure to center the baluster holes between the posts. Align the top rail with the bottom rail to ensure the baluster holes will align properly before marking the angle for the top rail and brackets.

### Step 3

Remove the rail and brackets, and pre-drill with a 1/8-in. bit. Secure bottom rail using supplied 1 1/2-in. screws. Do not overtighten.

### Step 4

Place the square baluster stair Insert or round baluster stair insert into the bottom rail holes, making sure to align them properly. Place square baluster stair insert or round baluster stair insert into the top rail as well. Tip: Pinching the insert wings inward makes insertion easier.

### Step 5

Pre-drill the holes for the brackets and secure using the supplied pan head screws.

### Step 6

Place the lower rail and brackets in place, and locate and mark the screw holes.

### Step 7

When using square or turned balusters, the balusters will need to be cut to appropriate length and angle. Transfer the angle using a tool like an adjustable carpenter’s square. It is critical that all balusters are the same length and angle for best appearance.

### Step 8

Finish the installation by gluing on the post sleeve caps and the crush block with a quality exterior adhesive.

The most recent installation instructions can be found on our website. Please visit [www.fiberonhomeselect.com](http://www.fiberonhomeselect.com) or call customer service at 800-318-7828.