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. Slide post sleeve collar over each post prior to installing rails and press securely into place. Post sleeve collars must be used with mating post sleeve to form a complete railing system.

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

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

Note: Fiber Composites LLC actively works to improve the performance and installation of our Lowe's Fiberon HomeSelect guardrail systems. Recent improvements have been added into the time tested brackets previously supplied to make the Lowe’s Fiberon HomeSelect guardrails even stronger and more adaptable than before. No matter which style, Fiber Composites LLC stands behind the quality and performance of every guardrail system.
Pre-drill all the bracket holes with a 1/8-in. bit, then secure with the supplied 1-1/2-in. screws. Do not over tighten.

Fully insert the balusters into the secured bottom rail. If using round metal balusters, place the rail inserts for round balusters into the routed holes in the top and bottom rail. Place round metal baluster through the insert (round metal balusters must be a minimum of 32-in. long).

Start the installation of the top rail by inserting the mounting brackets over the ends of the top rail.

To secure the top rail, pre-drill two holes in the flange at the bottom of the bracket 1-in. deep with a 1/8-in. bit. Secure the brackets to the rails using the supplied 1-1/2-in. screws (2 per bracket).

Lower the top rail and brackets over the balusters, making sure they are all fully seated into the top rail (note: start at one end and work towards the other). Check for level, then pre-drill all holes with a 1/8-in. bit. Secure the top rail bracket to the post using the supplied 1-1/2-in. screws. Do not over tighten.

Complete the section by gluing the post cap and crush block in place using a quality exterior adhesive.

After checking the posts for level and plumb, support the bottom rail alongside the two posts, making sure to center the baluster hole pattern equally between them. Lay a 2x4 or other continuous straight-edge over the nose of the stairs and supporting the bottom rail. Transfer the angles to the rails, and cut to correct length. Slide brackets over the bottom rail.

Place the lower rail and brackets in place, and locate and mark the screw holes. Remove the rail and brackets, and pre-drill with 1/8-in. bit. (Bracket shown in place for clarity)

Secure bottom rail using supplied 1 1/2-in. screws. Transfer the stair angle to balusters, and cut baluster ends to required length.

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

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.

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Align bottom and top rails to transfer the proper angle, then cut to proper length. It is critical that all balusters are the same length and angle for best appearance. Insert the square baluster stair insert or round baluster stair insert into the top and bottom rail holes, making sure to align them properly.

Locate and mark bracket holes, and pre-drill with 1/8-in. bit. (Bracket shown in place for clarity)

Slowly lower the top rail and brackets into position, making sure the baluster is fully seated onto the adapter.

Place all remaining inserts, then balusters, onto the bottom rail holes. Place inserts into top rail, and carefully lower and align with balusters making sure to fully seat each. Secure the top brackets with supplied 1 1/2-in. screws.

Align plugs with holes, and press in place making sure to align the fins.

Complete the section by gluing the post caps and crush block with quality exterior adhesive.

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