
Balustrade Installation

For technical assistance call: **864-646-3000**

1. Build the blocking. Flash over the blocking. (See notes below concerning the size of the blocking).
2. Place the fiberglass posts over the blocking so that the bottom of the post is $\frac{1}{4}$ " above the floor surface. Attach with stainless steel countersunk screws. Shim between the blocking and the posts if necessary so that the screws do not pull and distort.
3. Slide the balustrade rail about 6" into the cut outs in one of the Posts. Then slide the rail into the cut outs in the other Post.
4. Center the rail between the posts.
5. Screw down through the top rail into the flat horizontal fiberglass panel inside the post using stainless steel screws.
6. After all the rails are in place, put the post cap on the post. Align the bottom of the post cap as shown on the shop drawings.
7. After all the post caps are in place, install the rail caps. Trim the rail cap to the exact length between the post caps. Align the bottom of the rail cap with the bottom of the post caps. Attach the rail cap with stainless steel countersunk screws.
8. Use fiberglass putty to cover the screw heads. (See instructions on the use of fiberglass putty).
9. Use caulking at the post/rail joints.

The outside dimensions of the blocking after the flashing has been installed are critical for easy installation of the balustrade. The dimensions should be $11 \frac{1}{4}$ " from front to back and 20" from left to right for the two center posts, with the 20" centered on the center of the post. For the two end posts the flashing blocking should start 10" from the center of the post and run into the sloping side roof.

There are two reasons that these dimensions are critical: 1. The thickness of the fiberglass posts is greater near the corners. This would interfere with the way the post fitted over the blocking if the blocking were taken to the full width of the post. 2. By keeping the blocking away from the left and right end of the posts, it is possible to slide the rail into the post for easy installation without bumping into the blocking.