

ALUMINUM STAIR RAIL INSTALLATION INSTRUCTIONS

*2 person installation recommended

- 1.) Align posts on bottom stair tread and top landing 1" back from edge, as shown. Follow post installation instructions closely. *Figure 1.*
- 2.) Fold and position ("rack") the pre-built aluminum rail sections to desired angle of stairs. Clamp to installed rail posts. *Figure 2.* Make sure to have the same distance from inside of post to inside of first baluster on both top and bottom of the stair section.
- 3.) Hold top angle bracket on post adjacent to rail, and mark rail at the end of the bracket. Repeat for other three stair rail brackets. *Figure 3.*

Cutting Stair Rail to Proper Length

- 4.) Remove clamped stair kit from post.
- 5.) Locate previous marked rails and add 1" to your pre-determined measurement. *Figure 4.*
- 6.) Cut all four 1" marks at 90°. *Figure 5.*
- 7.) Slide brackets on ends of rails (top and bottom) and slide section in-between posts.
- 8.) Using 1/8" drill bit - pre drill bottom rail bracket to top stair post. *Figure 6.*
- 9.) Attach bottom bracket to post with 3/4" screws (included).
- 10.) Repeat for bottom stair post bottom rail bracket. *Figure 7.*
- 11.) Using 1/8" drill bit - pre-drill top rail bracket to top stair post. *Figure 8.*
- 12.) Attach top bracket to post with 3/4" screws (included).
- 13.) Repeat for bottom stair post top rail bracket.
- 14.) Using a 1/8" drill bit, pre-drill all brackets (top and bottom) through side hole. *Figure 9.*
- 15.) Install 3/4" screws (included) into side bracket holes to attach brackets to rails.

