



**STEP 1.**  
Set newel posts to accommodate pre-drilled rail length (available in 75 1/2" or 95 1/2").



**STEP 2.**  
Center pre-drilled rail and trim equal amounts from each end of top and bottom rails. Trim Lock-Bar from one end.  
*Note: When using ACQ treated wood, re-apply paint to exposed end of re-trimmed aluminum Lock-Bar.*

*Helpful hint: Paint or stain rails prior to installation.*



**STEP 3.**  
Lay balusters on ground and thread Lock-Bar through.



**STEP 4.**  
Attach longer leg of bracket to the underside of the rail ends. Ensure that the brackets are centered on the rails.



**STEP 5.**  
With a high-quality polyurethane construction adhesive\* (to permanently bond the wood to the metal), fill all holes halfway.



**STEP 6.**  
Insert balusters into pre-drilled holes in rail.



**STEP 7.**  
Use blocks or spacers under bottom rail to set desired height from deck surface.

Attach assembled units to posts.



**STEP 8.**  
Apply cap rail (optional).



**STEP 1.**  
Set newel posts to accommodate rail.



**STEP 2.**  
Using center line of rail measure and mark baluster spacing on top and bottom rails. (Typical code requires less than 4" between balusters).



**STEP 3.**  
At marks, attach baluster connectors for railings with stainless steel screws.



**STEP 4.**  
Lay balusters on ground and thread Lock-Bar through.



**STEP 5.**  
Attach longer leg of bracket to underside of rail ends. Ensure that brackets are centered on the rails.



**STEP 6.**  
Fit balusters fully over connectors.



**STEP 7.**  
Use blocks or spacers under bottom rail to set desired height from deck surface.

Attach assembled units to posts.



**STEP 8.**  
Apply cap rail (optional).

**NOTE: STAND AT THE BOTTOM OF THE STAIRWAY AND LOOK UP TO DETERMINE WHICH BALUSTERS TO USE. RIGHT BALUSTERS PROJECT TO THE RIGHT OF THE STAIR AND LEFT BALUSTERS TO THE LEFT OF THE STAIR**



**STEP 1.**  
Lay rails across nosing of stairs. Center pre-drilled rail and mark where it crosses the post and draw a line vertically. This will give you the proper angle to fit between the posts.



**STEP 1.**  
Lay rails across nosing of stairs. Center rail, mark it where it crosses the post and draw a line vertically. This will give you the appropriate end cut to fit between the posts.



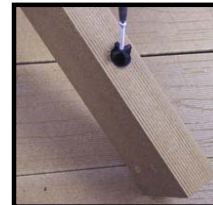
**STEP 2.**  
Insert narrow end of angle adaptors into end of balusters.



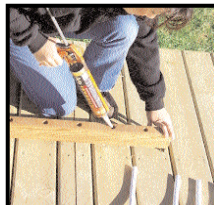
**STEP 2.**  
Measure center of rail and mark spacing required.



**STEP 3.**  
Lay balusters on ground and thread Lock-Bar through.  
*Helpful Hint: Lock-Bar needs to be the same length and angle as rails.*



**STEP 3.**  
At marks, attach baluster connectors for stairs with stainless steel screws. Attach bottom rails to posts.  
*Helpful Hint: Attach baluster connectors for stairs so they are fitting the correct direction of the rail.*



**STEP 4.**  
With a high-quality polyurethane construction adhesive\* (to permanently bond the wood to the metal), fill all holes halfway.



**STEP 4.**  
To create stair rail section, lay balusters on ground and thread Lock-Bar through.



**STEP 5.**  
To create stair rail section, adjust angle adaptors so that they are facing the correct direction to fit the rails. Insert wide end of angle adaptors into pre-drilled holes in rail.



**STEP 5.**  
Starting with the bottom rail, fit balusters over the connectors.



**STEP 6.**  
When balusters are connected to top and bottom rails, attach stair rail section to post.



**STEP 6.**  
When balusters are connected to top and bottom rails, attach stair rail section to post.

\*such as PL Premium Polyurethane construction adhesive.