VINYL STAIR RAILING

INSTALLATION INSTRUCTIONS

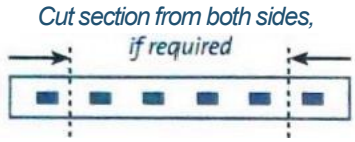
REQUIRED TOOLS

- SAFETY GLASSES
- SCREWDRIVER
- HACKSAW
- SQUARE
- TAPE MEASURE
- LEVEL
- PENCIL
- POWER DRILL
- PVC GLUE OR SILICONE CAULKING

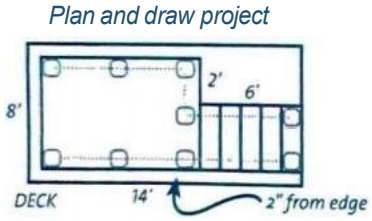
TIPS



- The distance between the post is from the inside edges of the post,the edge next to the railing section.



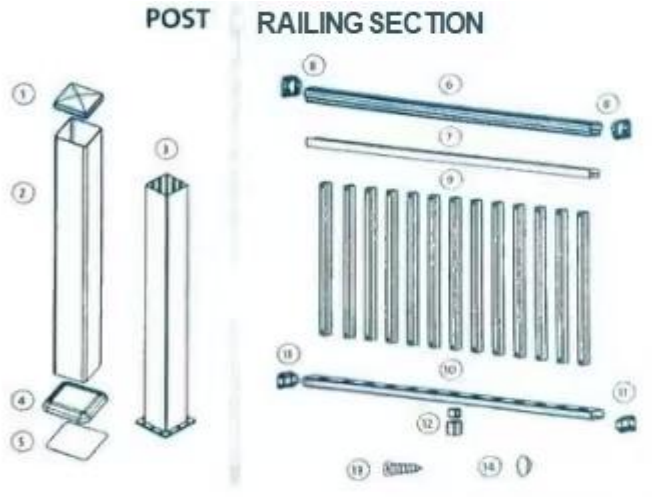
- For installations between existing posts/columns(or for post/column positions that are shorter than the stair railing section length),it will be necessary to cut the stair railing section.Always cut an equal amount from each end of the railing section so that the pickets are centered and balanced.



- Plan and draw your railing project.Sketch your project with the actual measurements of your deck or balcony with the location of the stair railing and any gates that need to be installed.

COMPONENTS

"Note :Number of pickets and center supports vary with railing section length.



POST CAP ①

POST SLEEVE ②

③ INTERNAL REINFORCEMENT POST

POST BASE TRIM ④

ACQ PAD ⑤

⑥ TOP RAIL

⑦ REINFORCING "H" BEAM

⑧ TOP BRACKETS (2)

⑨ PICKETS*

⑩ BOTTOM RAIL

⑪ BOTTOM BRACKETS (2)

⑫ CENTER SUPPORT*

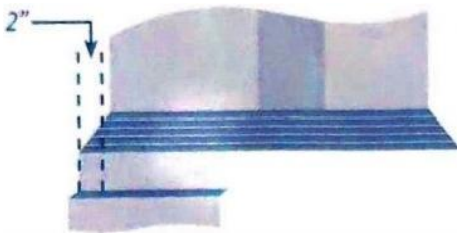
⑬ SELF-TAPPING SCREWS (?)

⑭ SCREW COVERS (?)

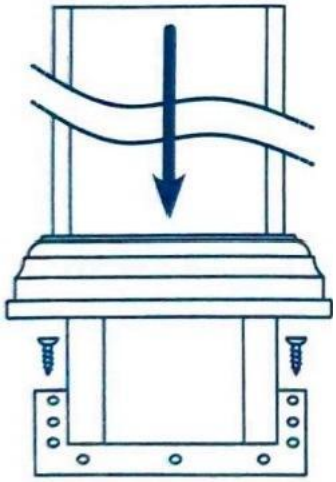
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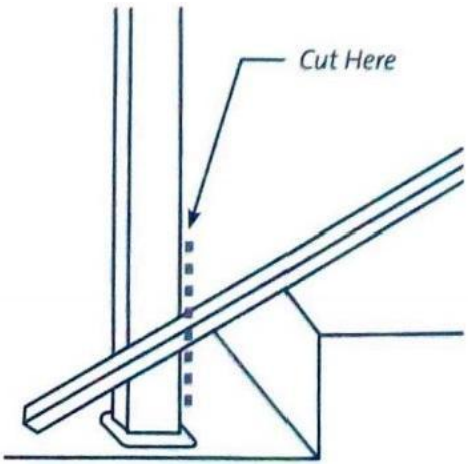
INSTALLATION



1 Draw a line with a pencil at 2"from the edge of your deck or balcony (perimeter line)to guide your installation.Start your installation from a corner bottom of the stair.



2 Install the first post by attaching the ACQ pad and internal reinforcement post to the bottom surface.Slide the post sleeve over the internal reinforcement post and attach the post sleeve to the ACQ pad.Finish by sliding the post base trim to the bottom of the post to cover the post base.



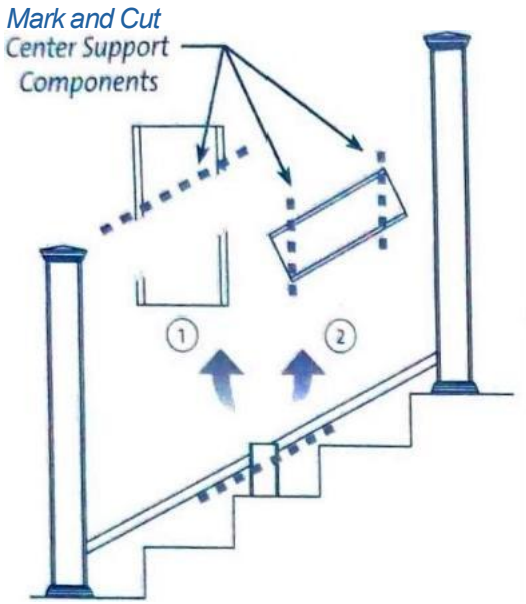
3 Place the top stair rail directly over the bottom rail while making sure that the holes are aligned.Tape them together temporarily so they will not move during the angle marking.Lay the rails on the stairs against the post.Make sure the holes in the rails are evenly distributed between the posts before marking the angle to be cut on both rails with a pencil.

Cut the rails to the angle that was just marked.Draw a line on the stair brackets in the same angle as the cut rails (two top and two bottom stair rail brackets).Cut on the extended part of the stair bracket,cut the same"stair-angle"for each bracket.

VINYL STAIR RAILING

INSTALLATION INSTRUCTIONS

INSTALLATION

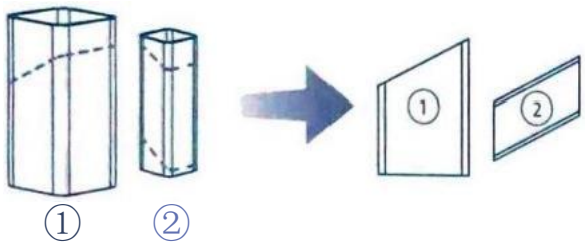


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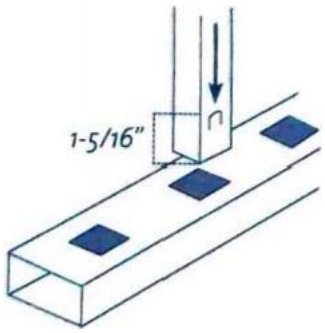
Position the bottom rail between both posts to determine at what height the stair rail support should be cut.Lean the rail support against the bottom railto measure the height at which to cut it.

PLEASE NOTE,the rail support consists of two components: (1)a small square PVC tube and(2)a larger outside sleeve.

Cut the rail support sleeve(2)at the same angle as the bottom rail so that it will fit underneath the bottom.Referring to the same angle,cut both sides of the small square PVC tube so that it fits inside the outside sleeve AND is flush with the bottom rail.



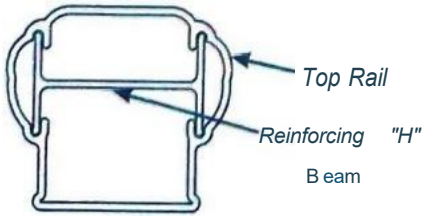
Once cut, you will have two pieces that fit together and look like the two pieces at left.



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Start stair rail section assembly by inserting the pickets into the bottom rail.If installing the colonial style picket,make sure that the three rings are all toward the bottom.

COLONIAL
3 ***rings toward bottom***



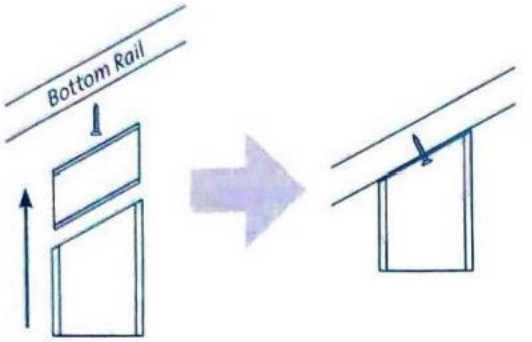
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Once all the pickets are in place in the bottom rail,you can install the top rail.Before installing the top rail,check to be sure the reinforcing "H"beam is already inside the top rail.

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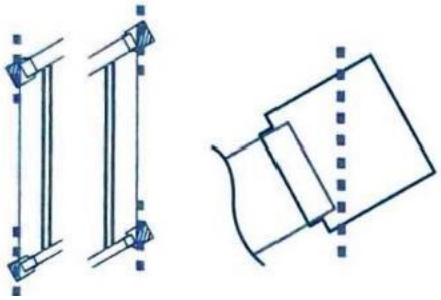
INSTALLATION



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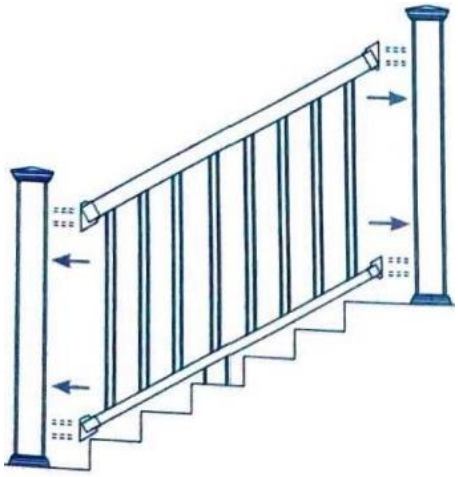
Screw the stair support components (prepared in Step 4)to the underside of the bottom rail.

For the 72”section,install the center support 36”from the first post.For the 96”section, installthe center support at 32”and 64”from the first post.Note that the position of the stair rail support may be adjusted to align with the mid-point of the stair tread.



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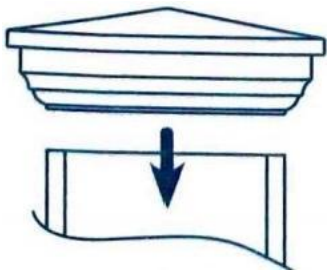
The brackets for the stair railing section are extended to accommodate cutting the back side(side to be mounted on the post)at the angle required for the steps,"stair-angle".



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Place the top and bottom brackets over the top and bottom rail ends, then position the stair railing section between the posts. Verify that the stair rail section is at the proper "stair-angle"and that the brackets are centered on the post.

Mark the hole positions,pre-dril l post and screw the top and bottom brackets to the posts.Cover the bracket screw holes with the cap covers.Installother stair rail section in the same manner.



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Finish by placing the top cap on each post.Use PVC glue orsilicone caulking to attach the caps.