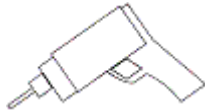
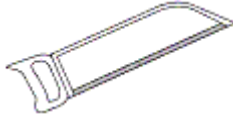


REGAL RAILING INSTALLATION GUIDE

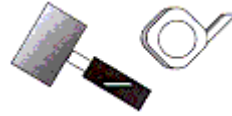
REQUIRED TOOLS



- Drill
- 3/8" hex bit
- #10 Robertson bit OR #2 square drive



- Hacksaw or Mitre Saw

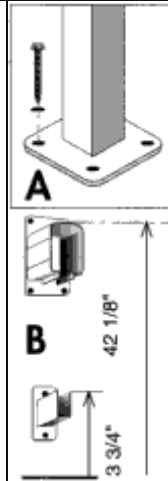


- Tape Measure
- Rubber Mallet

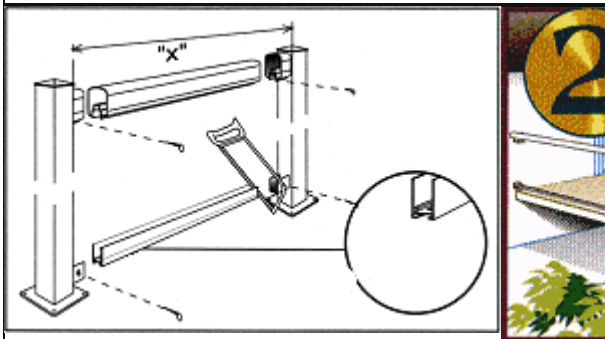
3 EASY STEPS



A. Determine location of all posts. Pre-drill Pilot Holes and secure loosely with one fastener only. Use #14 x 2-1/2" Lag screws. Note: For installation on Non-wood surfaces. For example: composite or vinyl. It is recommended to drill a weep hold just above post base plate to permit water to drain off.



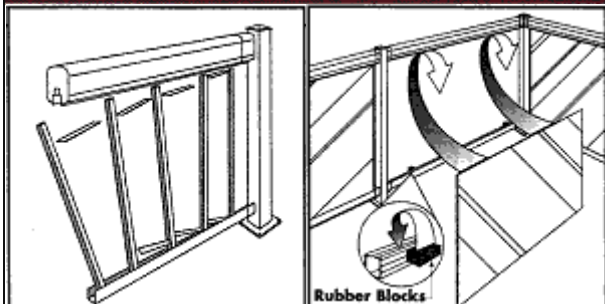
B. If wall brackets are required, install as shown. Measure up from the floor 42-1/8" to the top of upper bracket sleeve and 3-3/4" to the top of bottom bracket sleeve and secure with screws or lags.



- Measure distance between posts ("x"). Mark both top and bottom rail and cut to required length. Cut top rail 1/2" shorter than bottom rail. (*Note: Install support leg in bottom rail every 48")
- Install bottom rail and bracket attached to posts. Put top rail in post brackets and attach both top and bottom rail to post with #10 x 3/4" white self tapping or metal stainless steel screws as shown
- Drill a 3/16" hole through bottom rail every 24" to act as water drains. You can now level all posts and secure with remaining lag screws.



- **When Installing Pickets**
Start against one post and snap a spacer into top and bottom rail using a rubber mallet. Insert a picket and tap it tight to the spacer. Repeat this procedure until you have 3-4 pickets left. Install remaining pickets as a group, spread out and snap in remaining spacers. Cut last spacer to fit, using a hacksaw.
- **When Installing Tempered Glass**
Remove clear PVC liner from top and bottom rails and replace with black gasket. Place rubber blocks in the bottom rail, 2-4 blocks per panel. The glass then slides up into the top rail and down into the bottom rail to rest on the rubber blocks.



UNIVERSAL ANGLE BRACKET (UAB) For Stair Application

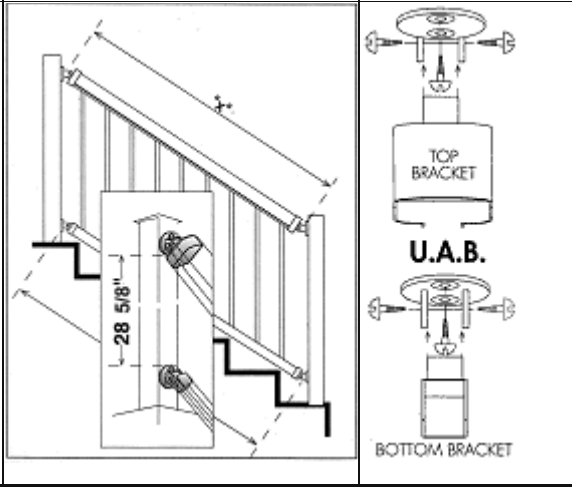
Universal Angle Brackets will accommodate any stair angle or incline.

Mount top and bottom posts at desired locations on step treads. Mount UAB brackets to post while maintaining 28 5/8" between round backing plates.

Use #10 x 3/4" self tapping metal screws or stainless steel screws.

Measure and cut top and bottom rail as shown ("x"). Insert pickets as in step 3. Cut last spacer to fit.

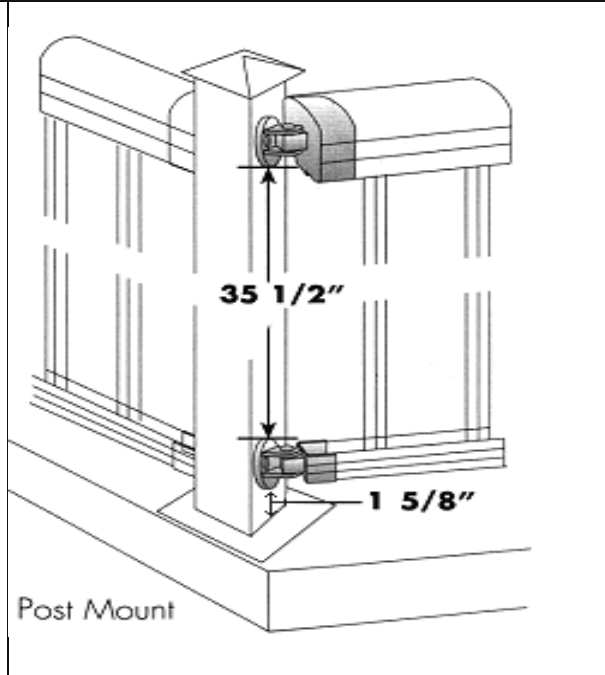
Note: Location of top and bottom posts on stair tread will determine overall height of top rail. Top rail height shall not be less than 34" or greater than 36" above tread nosing.



ANGLE POST APPLICATION Universal Angle Bracket

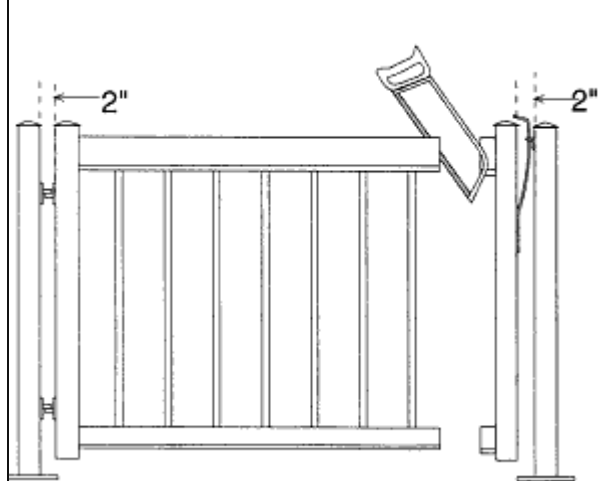
Measure up from post base plate 1 5/8" to bottom of round backing plate and attach post.

Maintain 35 1/2" between backing plates and attach top round plate as indicated using #10 x 3/4" self tapping or stainless steel screws.

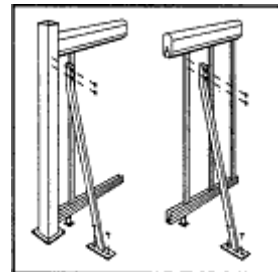


GATES

Remove post at one end of gate and cut to desired size allowing 2 inches for hinges and 2 inches for latch.



Inside Rail Brace



Outside Rail Brace

