

HOW TO INSTALL:

FOR FLAT SURFACE

1. Location of Posts

Draw a line 3 1/2" from edge of floor. Where lines intersect, mark for corner posts.



2. Space In-Line Posts

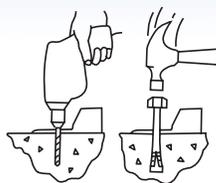
For best appearance, space posts at uniform distances. Use ST100 Stub Support for more sturdy installation.

Tip: If cutting is necessary and for balanced picket spacing, cut an equal amount from each end.

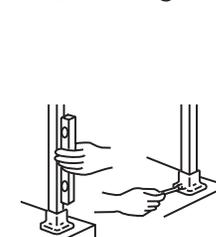


3. Install Floor Flanges

a. On wood surface (Use LS100)
Mark location and drill 1/8" pilot holes and install.

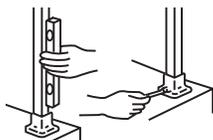


b. On Masonry (Use MA100)
Mark location and drill 1/4" holes into masonry surface 1 5/8" deep. Attach nut - only to the point where the nut will protect the threads - and strike with a hammer until anchor has expanded and seated properly.



4. Install Posts

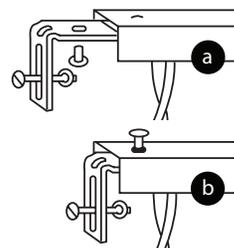
Insert Post into Floor Flange and tighten set screws. Using a level, make sure posts are plumb.



5. Attach Connectors to Rails and Mount to Posts

a. No drill

Slide connectors deep into grooves inside top and bottom rails. Tighten fastener until top surface of rail is slightly dimpled. Position rail and mount to pre-drilled posts with bolts provided. For "in-line" rails, one bolt is used for adjoining rail sections.



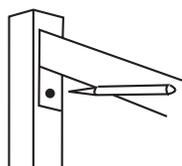
b. Drill

For more secure installation, determine exact location of screw by dimpling rail section as shown above. Then drill 9/32" hole from bottom of rail and insert screw from top of rail through the connector.

Then attach rails. Install LT200 Lambs Tongue for a decorative touch.

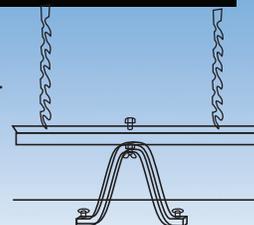
IF MOUNTING RAIL TO A WALL, SURFACE, OR COLUMN:

Mount connector/rail assembly using MA100 Masonry Anchors or LS100 Lag Screws. For columns, mark and drill a 9/32" hole and mount with bolts provided with the connector kits.



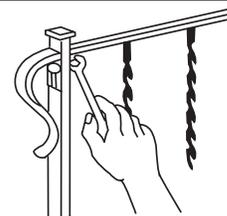
RECOMMENDED FOR ADDITIONAL RAIL SUPPORT. INSTALL ST100 STUB SUPPORTS

1. Locate center of rail, and drill 3/16" hole in bottom of rail.
2. Hand tighten stub support in place.
3. Adjust support higher or lower to match your rail height.
4. Mark location of support leg holes and install with lag screws or masonry anchors.



FOR A DECORATIVE TOUCH, INSTALL LT200 LAMBS TONGUES

1. Remove top connector bolt from post.
2. Re-insert bolt through slot in tab of Lambs Tongue, post and connector.
3. Position on post and tighten.



COLUMNS & COLUMN SOCKETS

For mounting Columns to surface.

1. Measure distance from surface to overhang. If less than 8 feet, cut off excess length from bottom of column.
2. Mark location of column sockets on surface. Secure using Lag Screws or Masonry Anchors.
3. Insert column into sockets, then fasten top of column to overhang using LS100 Lag Screws.