

Square Wrap-Around Aluminum Column



AFCO
Columns and Railings
a Division of AFCO Industries, Inc.

INSTALLATION INSTRUCTIONS

SIZE CHART			
COLUMN SIZE	STAVES PER COLUMN	MAXIMUM SIZE OF EXISTING ROUND POST	MAXIMUM SIZE OF EXISTING SQUARE POST
4	2	3"	3"
6	4	4 7/8"	4 1/2"
8	4	6 7/8"	6 1/2"
10	4	8 1/2"	8 1/2"
12	8	10"	10"

<p>1. Measure the height of the opening where the column will be placed. Cut each column stave (piece) 1/4" longer than the opening. A circular saw with a metal cutting blade is recommended for cutting the staves.</p>	
<p>2. To assemble the column, snap the interlocks of two staves together beginning at one end and continuing along the length of the column. Continue to add staves in this manner, until all staves are together. Tap lightly with a rubber mallet if necessary to ensure the joints are fully engaged. For wrap-around-post installation follow above instructions but add final stave with the partially assembled column in an upright position around the interior post.</p>	
<p>3. To secure the column, attach the column to the overhead beam or header with the appropriate fasteners and screws. Repeat this at the bottom of the column. <i>Note: High performance tie down brackets are available at an additional charge.</i></p>	
<p>4. To assemble and install the capital and base, place the two pieces of the base around the bottom of the column, flush with the floor and insert the provided screws to secure in place. Repeat this process with the capital at the top of the column. Be sure the capital is flush with both the header and the base. If needed, caulk between seams for a finished look.</p>	

SQUARE WRAP-AROUND ALUMINUM COLUMN

Notes:

- For best load-bearing performance, utilize AFCO load-bearing plates to spread the load over the entire perimeter of the column. Load-bearing capacity is dependent on distributing the load evenly over the surfaces of the shaft.
- All column staves should be cut square and to the same length.
- Installation should be on a smooth level surface.
- 2nd story balconies should not be attached directly to the side of any column.
- Columns should be installed according to standard construction practices and in compliance with applicable local, state, and federal regulations.