

ALUMINUM COLUMNS



STRUCTURE  
STYLE

A photograph of a white, two-story house with a gabled roof and a front porch. The porch is supported by several white columns. There are dark shutters on the windows and a door. The house is surrounded by green trees and a lawn. A semi-transparent purple banner is overlaid across the middle of the image, containing the text "ALUMINUM COLUMNS" in white, bold, sans-serif font.

# ALUMINUM COLUMNS

The perfect combination of stylistic design and nearly maintenance-free performance, AFCO's Aluminum Columns will draw your appreciation each time you enjoy your outdoor space.

The tensile strength of the extruded staves of the AFCO Aluminum Columns provides a structural capacity far superior to that of other load-bearing column materials. Prefinished with durable, AAMA-2604 powder coat paints and backed by a limited lifetime warranty, there is no better choice than AFCO Aluminum Columns for providing Structure to your home.

Whether classical or modern, traditional or cutting edge — from the classic Round and Square Fluted, to the box column designs of the Traditions Series — there is an AFCO Aluminum Column to complement your home's Style.

## AVAILABLE IN SEVEN BEAUTIFUL FINISHES **THAT NEVER NEED REPAINTING**

### GLOSS

WHITE

CLAY

WICKER

### TEXTURED

WHITE

BLACK

BRONZE

BROWN



# FLUTED ALUMINUM COLUMNS





Old world column design  
for new world outdoor living

AFCO's Fluted Aluminum Columns represent the perfect intersection of Classical column design and nearly maintenance-free performance.

---

Architecturally accurate fluting is more true to Classical design than others.

---

Shaft staves are produced in AFCO's aluminum extrusion facilities, providing quality control from the genesis of product.

---

Available in Round and Square styles and seven standard powder-coat finishes or with a primer finish for painting on the job.

---

All AFCO Fluted Aluminum Columns are fully structural and meet NFPA Class A requirements for flame-spread and smoke development indexing.



# FLUTED ALUMINUM COLUMNS



## ROUND FLUTED

Nominal Width	Heights	Shaft Width	Standard Cap/Base Width	Standard Cap/Base Height	Centered Load Capacity* (lbs.)	Load Bearing Plate
6"	8', 9', 10'	6"	7-9/16"	1-3/4"	20,000	A
8"	8', 9', 10', 12'	7-5/8"	9-7/16"	2-3/16"	21,000	C
10"	8', 9', 10', 12'	9-3/8"	11-1/4"	2-3/8"	26,000	E
12"	8', 9', 10', 12', 16'	11-1/2"	15-1/8"	2-3/4"	30,000	
15"	12', 18', 16', 20', 24'	14-1/2"	18-3/4"	4-3/4"	33,000	
18"	16', 18', 20', 24'	17-3/4"	22-1/2"	5"	38,000	
24"	18', 20', 24'	23-1/2"	28-7/8"	7-3/4"	43,000	

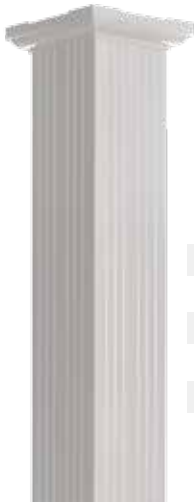
## OPTIONAL CAPITALS - ROUND FLUTED



**Scamozzi Capital**



**Corinthian Capital**



## SQUARE FLUTED

Nominal Width	Heights	Shaft Width	Cap/Base Width	Cap/Base Height	Centered Load Capacity* (lbs.)	Load Bearing Plate
3"	8', 9'	3"	N/A	N/A	8,000	
4"	8', 9', 10'	3-1/2"	5-5/8"	1-7/8"	12,000	
6"	8', 9', 10'	5-1/2"	8-1/2"	2"	23,000	B
8"	8', 9', 10', 12'	7-1/2"	10-1/2"	2"	24,000	D
10"	8', 9', 10', 12'	10"	12-7/8"	2-11/16"	26,000	E
12"	8', 9', 10', 12', 16'	11-15/16"	15-1/8"	3-3/16"	37,000	

\* Load-bearing capacity is dependent on distributing the load evenly over bearing surfaces of the shaft.

\*\* Dimension of the largest size of existing post that a Wrap-Around version of the respective column width will wrap.

# FLUTED ALUMINUM COLUMNS

AFCO Hurricane Brackets	Scamozzi Capital	Corinthian Capital	Number of Staves	Largest Post Wrap Round**	Largest Post Wrap Square**
•			3	4-1/2"	3-1/2"
•	•		3	6-1/4"	4-1/2"
	•	•	4	7-3/4"	6"
	•	•	5	9-3/4"	7-1/2"
	•	•	5	12"	9"
	•		6	15"	11"
	•		6	22"	15"

AFCO Hurricane Brackets	Number of Staves	Largest Post Wrap Round**	Largest Post Wrap Square**
	N/A	N/A	N/A
	2	3"	3"
•	4	4-7/8"	4-1/2"
•	4	6-7/8"	6-1/2"
	4	8-1/2"	8-1/2"
	8	10"	10"



# TRADITIONS

SERIES





Traditional box column designs  
in the simplicity of aluminum

The Traditions Series combines the aesthetic of the traditional site-build box column with the ease of installation and virtually maintenance-free benefits of aluminum.

---

Aluminum shaft staves are produced in AFCO's extrusion facilities, providing quality control from the genesis of production.

---

Features five unique designs, each fully load-bearing and available in all seven standard powder-coat finishes or with a primer finish for painting on the job.

---

The base trim of the Natchez Aluminum Column is uniquely designed to accommodate installations with any AFCO-Rail Series.



# TRADITIONS ALUMINUM COLUMNS



## WELLINGTON

Nominal Width	Heights	Shaft Width	Cap Width	Cap Height	Base Width
6"	8', 9', 10'	5-1/2"	9-5/8"	2"	8-1/2"
8"	8', 9', 10', 12'	7-1/4"	12-3/4"	3"	9-7/8"
9"	8', 9', 10', 12'	9"	14-7/16"	3"	11-11/16"



## NATCHEZ

Nominal Width	Heights	Shaft Width	Cap/Base Width	Cap/Base Height	Centered Load Capacity* (lbs.)
6"	8', 9', 10'	5-1/2"	7"	6-1/4"	12,000
8"	8', 9', 10', 12'	7-1/4"	8-3/4"	6-1/4"	20,000
9"	8', 9', 10', 12'	9"	10-1/2"	6-1/4"	15,000



## EMPIRE

Nominal Width	Heights	Shaft Width	Cap/Base Width	Cap/Base Height	Centered Load Capacity* (lbs.)
6"	8', 9', 10'	5-1/2"	8-1/2"	3-1/2"	12,000
8"	8', 9', 10', 12'	7-1/4"	9-7/8"	3-1/2"	20,000
9"	8', 9', 10', 12'	9"	11-11/16"	3-1/2"	15,000



## CRAFTSMAN

Nominal Width	Heights	Shaft Width	Cap/Base Width	Cap/Base Height	Centered Load Capacity* (lbs.)
6"	8', 9', 10'	5-1/2"	6-3/4"	2-1/2"	20,000



## ACADIAN

Nominal Width	Heights	Shaft Width	Cap/Base Width	Cap/Base Height	Centered Load Capacity* (lbs.)
6"	8', 9', 10'	5-1/2"	8-1/2"	2"	24,000
8"	8', 9', 10', 12'	7-1/2"	10-1/2"	2"	50,000
9"	8', 9', 10', 12'	9"	12-3/8"	2"	50,000

\* Load-bearing capacity is dependent on distributing the load evenly over bearing surfaces of the shaft.

\*\* Dimension of the largest size of existing post that a Wrap-Around version of the respective column width will wrap.

# TRADITIONS ALUMINUM COLUMNS

Base Height	Centered Load Capacity* (lbs.)	Load Bearing Plate	AFCO Hurricane Brackets	Number of Staves	Largest Post Wrap Round**	Largest Post Wrap Square**
3-1/2"	12,000	B	•	4	5"	4-1/2"
3-1/2"	20,000	D	•	4	6"	5-1/2"
3-1/2"	15,000	E	•	4	8"	7"

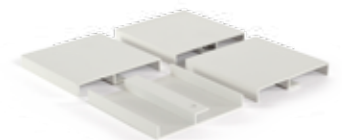
Load Bearing Plate	AFCO Hurricane Brackets	Number of Staves	Largest Post Wrap Round**	Largest Post Wrap Square**
B	•	4	5"	4-1/2"
D	•	4	6"	5-1/2"
E	•	4	8"	7"

Load Bearing Plate	AFCO Hurricane Brackets	Number of Staves	Largest Post Wrap Round**	Largest Post Wrap Square**
B	•	4	5"	4-1/2"
D	•	4	6"	5-1/2"
E	•	4	8"	7"

Load Bearing Plate	AFCO Hurricane Brackets	Number of Staves	Largest Post Wrap Round**	Largest Post Wrap Square**
	•	4	5"	4"

Load Bearing Plate	AFCO Hurricane Brackets	Panel Divider Blocks	Number of Staves	Largest Post Wrap Round**	Largest Post Wrap Square**
A	•	•	4	4-1/2"	4-1/2"
D	•	•	4	5-3/4"	5-3/4"
E	•		4	6-3/8"	6-3/8"

## Recessed Panel Divider Blocks

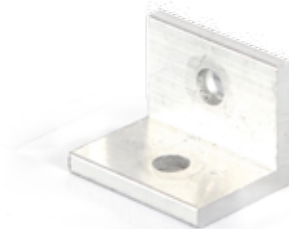


# COLUMN ACCESSORIES



## AFCO Hurricane Bracket System

- Wind Uplift Tie-Down System meets ASCE 7-02 for 150 MPH winds
- Includes attachment fasteners for both wood and concrete installations.
- Kit includes four brackets that are hidden under the column capital and base.
- Available for 6" and 8" Fluted and all Traditions Series Aluminum Columns.
- Available for Pro-Lite Fiberglass Columns.



## Aluminum Column Hold Down Clips

- "L" shaped brackets for securing any Aluminum Column style in place.
- Hidden under column capital and base once installed.
- Packaged in set of six clips for one column.



## Load Bearing Plates

- 1/4" Thick aluminum plates distribute weight load evenly across the full column.
- Hidden under the column capital once installed.
- Available in five sizes to accommodate most common Aluminum and Fiberglass Column sizes and styles.



## Fiberglass Column Installation Hardware Kit

- To secure any style of Fiberglass Column in its installed position.
- Hidden under column capital and base once installed.
- Includes four "L" shaped brackets and fasteners for both wood and concrete installations.



## Split Fiberglass Column Reassembly Kit

- For reassembling Fiberglass Columns that have been split to wrap around an existing post.
- Contains one tube of specially formulated adhesive, four metal joining plates with fasteners and six assembly straps.



# COLUMN WRAP & CUT OPTION

To accommodate your home's unique Style, AFCO can configure a custom cut of most of its Fiberglass and Aluminum Column styles to meet those needs.

## Full

Complete in-the-round or in-the-square column to serve as a full structural, load-bearing support of your structure roof. See the lists of each individual column style and size for its respective structural capacity.

Additionally, any Fiberglass or Aluminum Column can be used modified to go around an existing structural post that may already be in place. While not structural, this "Wrap Around" column configuration varies by style, size and material.

## Pilaster Cut

Traditional half-column style for mounting against a wall to signify the transition into your outdoor living space.

## Engaged Cut













For unique aesthetics in which more or less column reveal is desired, an Engaged Cut can be made to your specifications for more or less than half-column depth used in the Pilaster Cut.

## Three-Quarters and One-Quarter Cuts

To create a full design for your home at the corners, Three-Quarters and One-Quarter Cut columns can be a beautiful addition, as seen in the photo above.

## End Cut

At open wall terminations, common in interior applications of columns, an End Cut can be made to your specifications to decoratively enclose the wall end.

	Square	Round
Full		
Pilaster		
Engaged		
Three-Quarters		
One-Quarter		
End		



One of the most respected names in the building materials industry since 1946, AFCO Industries operates four US manufacturing facilities specializing in Aluminum, Fiberglass and Vinyl production. AFCO, a 100% Employee-Owned ESOP corporation, is the only vertically integrated manufacturer of Aluminum and Fiberglass Columns and Railing systems in the country, as well as being an OEM producer. Trust AFCO's 70 years of American manufacturing experience for your project's column and railing needs.

PROUDLY  
AMERICAN  
★ MADE ★

