

SUPERIOR

ROUND & SQUARE ALUMINUM COLUMNS



8" sq. x 9' tall Square Panel Columns / Standard Cap and Base

The choice of elegance and dependability in any construction project!

www.superioraluminum.com

SUPERIOR ROUND & SQUARE ALUMINUM COLUMNS

Superior Aluminum columns bring traditional elegance to your project at an affordable price. They are ideal for both new construction and remodeling projects in the commercial and residential markets. Made from sturdy, maintenance-free aluminum, Superior columns ensure a long-term upgrade to your building.

Available in four unique styles with a wide variety of caps and bases to choose from, Superior columns complement any facility.

Load-Bearing

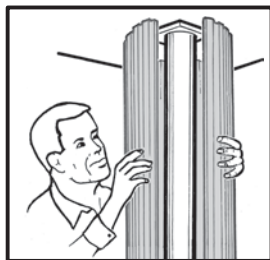
- Superior Aluminum columns can be utilized to provide load-bearing support for covered structures such as balconies, walkways, porches, and more!
- The support offered by aluminum columns is immense: a 6" by 8' column can in itself be fully load-bearing up to 13,000 pounds, and larger sizes can hold up to 75,000 pounds!
- Superior Aluminum columns combine the load-bearing qualities of aluminum, with its aesthetic beauty to add a perfect finishing touch to any project.



**FULLY
LOAD-BEARING
FROM
13,000 LBS.**

Wrap-Around

- Superior Aluminum columns are available with wrap-around functionality to cover existing structures.
- Utilize wrap-around columns to revitalize a tired look!
- Wrap-around columns come with snap-together, two-piece puzzle-lock or polymer caps and bases.



Industry's Largest Range of Sizes

The wide selection of Superior Aluminum column sizes guarantees you will find the column that fits your project, be it a typical 6" x 8' column for a residential porch, or a massive column up to 30' high to support a grand entryway. No other manufacturer has a wider selection than Superior.



6" sq. x 8' tall Square Fluted Columns
Standard Cap & Base with Series 9W Railing



6" sq. x 8' tall Square Smooth Columns
Doric Cap & Base



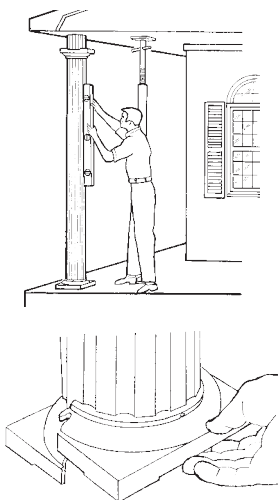
10" sq. x 8' tall Square Panel Columns
Standard Cap & Base



15" dia. x 12' tall Round Fluted Columns
Corinthian Cap & Doric Base

Easy Assembly

- Superior Aluminum columns assemble easily enough for one person to be able to handle.
- Simply cut the column staves to size and lock them into place.
- Slip on the cap and base on regular columns, while on wrap-around columns, lock them together around the columns.
- Complete instructions are packaged with each column.



Paint

All aluminum columns, caps, and bases are supplied with a durable, PPG Duracron paint finish, in the colors shown below. A mill finish is also available if custom painting is desired.



*Dark Bronze and Black are available ONLY for 4" square smooth columns and 6" and 8" square columns of all profiles.

Durability

- Superior utilizes the power of aluminum to create a column that will not rot, split, warp, or rust like other materials.
- Aluminum products require no maintenance.
- These traits ensure aluminum columns create a durable, worry-free addition to any project.



SUPERIOR FLUTED ROUND COLUMNS

Superior Aluminum round fluted columns embrace the centuries-old tradition of round columns supporting incredible architecture. Unlike those columns of the past, aluminum columns provide a durable, maintenance-free touch of class that will impress for years to come.



12" dia. x 20' tall Round Fluted Columns
Standard Cap & Base



10" dia. x 8' tall Round Fluted Columns
Standard Cap & Base



8" dia. x 18' tall Round Fluted Columns
Standard Cap and Base



10" dia. x 8' tall Round Fluted Columns
Standard Cap and Base

SUPERIOR FLUTED SQUARE COLUMNS



8" sq. x 8' tall Square Fluted Columns
Standard Cap & Base



8" sq. x 8' tall Square Fluted Columns
Standard Cap & Base with Series 9P Railing



6" sq. x 8' tall Square Fluted Columns
Standard Cap & Base with Series 9W Railing

Superior Aluminum square fluted columns embrace the aesthetic benefits that wood columns provide, without the headaches. Square fluted columns will allow you to enjoy a natural look with minimal maintenance!



8" sq. x 8' tall Square Fluted Columns
Standard Cap and Base

SUPERIOR SMOOTH SQUARE COLUMNS



Superior Aluminum square smooth columns are the perfect way to add a sophisticated touch to your project, while maintaining a clean look and feel. Square smooth columns are the go-to choice for simplifying a project without sacrificing beauty and quality.



SUPERIOR PANEL SQUARE COLUMNS



Superior Aluminum square panel columns combine the traditional look you desire with a unique panel design that adds a touch of contemporary flair to your project!



Cap and Base Options

ROUND & SQUARE COLUMNS

- Round and Square Fluted columns come with a selection of four distinct cap and base styles available in one-piece configurations.
- All styles are also available in two-piece versions for wrap-around applications.
- Cost-competitive polymer composite caps and bases are available to fit 6" and 8" diameter columns of all profiles.



PANEL COLUMNS

- 6" and 8" Square Panel columns feature "tabbed" caps and bases in the standard style.
- Tabbed caps/bases offer a cost competitive alternative to other panel cap/base options.
- Tabbed caps and bases cannot be used in wrap-around applications.



PANEL COLUMN INSERTS

- Should you desire to wrap-around an existing structure or desire a decorative style cap/base, additional panel inserts are required.



Frequently Asked Questions

QUESTION: What columns can be ordered in wrap-around versions?

ANSWER: All square columns (except 4" square smooth) are wrap-around and fully load-bearing by design, as are 6" and 8" round columns. Round columns 10" and larger can be modified where wrap-around applications are required. Any project requiring wrap-around columns will necessitate an order of wrap-around caps and bases as well.

QUESTION: How do I determine what diameter of column will look right for my project?

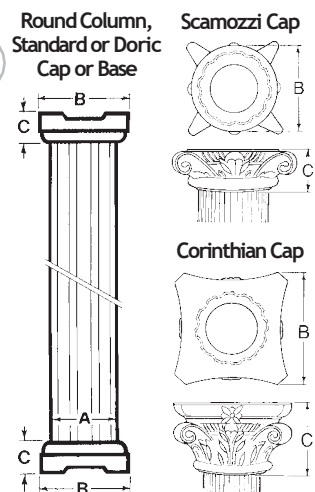
ANSWER: Architects will use a complex formula for this, but an easy rule of thumb is one inch of diameter for every foot of height. For buildings 300 feet or more off the road, increasing to the next larger diameter is recommended.

Aluminum Columns - Actual Dimensions

Size	Round			Square					
	Fluted			Fluted		Recessed Panel		Smooth	
	O.D.	I.D.	Max. Sq. Encased	O.D.	Max. Sq. Encased	O.D.	Max. Sq. Encased	O.D.	Max. Sq. Encased
4	-	-	-	4	3 1/8	-	-	4	-
6	5 5/8	4 3/4	3 1/2	5 1/2	4 5/8	5 1/2	4 3/16	5 1/2	4 9/16
8	8	7 1/8	5 1/4	7 1/2	6 1/2	7 1/2	6 3/16	7 1/2	-
10	10 1/2	8 7/8	6 1/4	9 1/2	8 1/2	9 1/2	8 1/8	9 1/2	8 1/16
12	11 1/4	9 7/8	6 7/8	11 1/2	9 3/4	11 1/2	10 1/8	11 1/2	10 1/16
15	14 3/8	13 1/8	9 1/4	-	-	-	-	-	-
16	-	-	-	15 1/2	13 3/4	15 1/2	13 7/8	-	-
18	18	16	11 5/16	-	-	-	-	-	-
24	24	22	15 9/16	-	-	-	-	-	-
30	30	28	19 13/16	-	-	-	-	-	-

Note: The chart above features the actual outside dimensions of all columns, and the inside diameter of round columns. 'Maximum square encased' lists the largest size support structure that can be enclosed by the corresponding size wrap-around column.

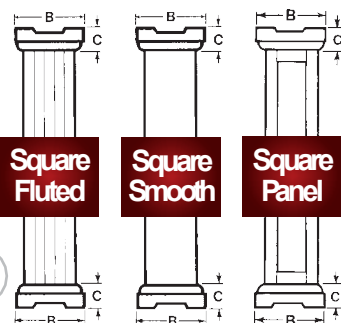
Round Columns - Dimensions & Load Data



Nominal Diameter	Actual Diameter	Caps & Bases (width & height)										Standard Lengths in Ft.	No. Staves	Load Lbs.
		Polymer Composite		Standard		Doric		Scamozzi		Corinthian				
	A	B	C	B	C	B	C	B	C	B	C			
6	5⅝	7¾	11⅝ ₁₆	7¾	11⅝ ₁₆	-	-	-	-	-	-	8, 9, 10 & 12'	3	13,000
8	8	10	2⅛ ₁₆	10	2⅛ ₁₆	12¼	3¾	12	5⅛	15¾	10	8, 9, 10, 12, 14 & 16'	3	22,000
10	10	-	-	12¼	2⅞ ₁₆	14½	4¼	12	5⅛	15¾	10	8, 9, 10, 12, 14, 16, 18 & 20'	4	25,000
12	11¼	-	-	14⅛	3	17	5	14½	6½	20	12½	8, 9, 10, 12, 16, 18 & 20'	5	30,000
15	14⅜	-	-	17⅞	3½	20¾	5¾	18½	7¼	23½	15	12, 16, 18 & 20'	6	34,000
18	18	-	-	21⅝	3¾	25½	6½	27	7¾	26½	18	16, 18 & 20'	6	38,000
24	24	-	-	28	4⅜	31¾	7⅛	38½	14⅜	35½	25	16, 18, 20 & 24'	6	50,000
30	30	-	-	-	-	43⅝	9½	-	-	-	-	16, 18, 20 & 24'	8	50,000

➡ Tested lengths are underlined.

Square Columns - Dimensions & Load Data



Nominal Width			Caps / Bases (width & height)**										Standard Lengths in Ft.	Load lbs.		
			Polymer Composite		Standard		Doric		Charleston		Savannah					
Smooth	Fluted	Panel	B	C	B	C	B	C	B	C	B	C		Smooth	Fluted	Panel
4"	4"	-	-	-	6	13/8	-	-	-	-	-	-	8, 9, 10 & 12'	15,000	13,000	-
6"	6"	6"	8 1/2	2	8 1/2	2	10 1/2	3 3/4	9 1/4	6 1/2	8	5 1/4	8, 9, 10 & 12'	13,000	12,000	38,000
8"	8"	8"	10 1/2	2	10 1/2	2	12 1/2	3 3/4	11 1/4	6 1/2	10	5 1/4	8, 9, 10, 12 & 16'	19,000	10,000	60,000
10"	10"	10"	-	-	12 1/2	2 5/16	14 1/2	3 3/4	13 1/4	6 1/2	12	5 1/4	8, 10, 12 & 16'	45,000 (16')	33,000	80,000
12"	12"	12"	-	-	15	2 1/2	16 1/2	3 3/4	17 1/4	10	14	5 1/4	8, 9, 10, 12, 16, & 20'	50,000	27,660 (15')	75,000
-	16"	16"	-	-	20	3	20 1/2	3 3/4	21 1/4	10	18	5 1/4	12, 16, 18 & 20'	-	13,000	75,000

*Not available in wrap-around.

**All square column staves extend through caps and bases.

➡ Tested lengths are underlined unless otherwise noted.

Note: All square columns contain 4 staves with the exceptions of 4" smooth (1 staff), 4" fluted (2 staves), and 16" panel (8 staves).

Founded in 1956 in Youngstown, Ohio, Superior Aluminum began as a window manufacturer before making the switch to aluminum railing in 1960. In 1966, the company was purchased by businessmen Tom Francis and Ed Borchers.

Tom and Ed moved the company to its current home in Russia, Ohio, where continued growth forced two facility moves before eventually building their current modern 110,000 square foot facility in 1996, which remains the company's home.

Today, Superior continues to be a privately-owned business, operated by the Francis and Borchers families. A sister company owned by the Francis family manufactures all aluminum castings, which ensures tight quality control, ultra-fast response, and easy customization when needed. The core values of honesty, hard work, and treating people with respect established by our founders remain as the foundation of the business today.



Ed Borchers and Tom Francis



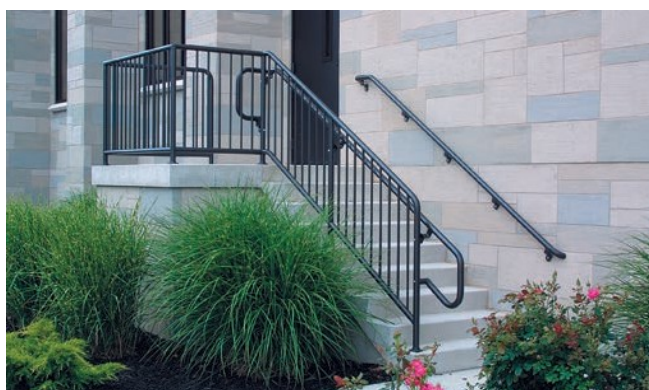
Aerial View of Superior Aluminum Products, Inc.



Superior Aluminum Products, Inc.

"I want to thank Superior for working with us on our courthouse project. Everything fit like a glove when it was installed! I was very impressed with the products, the ease of installation, and the precision of the fit! The name of your company is truly proper, as your product line is Superior! Once again, thank you for working with us and more in the future!"

"I wanted to extend special thanks to the Superior team for all of their assistance in helping me complete my deck on time. The railings were easy to install and absolutely visually stunning!"



Superior Series 5H Non-Welded Aluminum Pipe Railing (hand rail at steps).
Superior Series 5P Non-Welded Aluminum Pipe Picket Railing (at steps and landing).

SUPERIOR

ALUMINUM PRODUCTS

555 East Main • P.O. Box 430 • Russia, OH 45363
937-526-4065 • Fax: 937-526-3904

info@superioraluminum.com • www.superioraluminum.com

Ask about our complete line of other... Superior Aluminum Products:

- Fiberglass Columns - Round & Square
- PVC Column Wraps - Square and Craftsman
- Series 9C Aluminum Cable Railing
- Series 5C Aluminum Pipe Cable Railing
- Series 5H Non-Welded Aluminum Pipe Railing
- Series 5P Non-Welded Aluminum Pipe Picket Railing
- Series 6R Custom Residential Railing & Columns
- Series 7P Aluminum Picket Fence & Custom Gates
- Series 9P Aluminum Picket Railing
- Series 9S Seamless Aluminum Railing
- Series 9H Aluminum Horizontal Railing
- Series 7V Aluminum Privacy Fence