

# PRODUCT GUIDE

RAILING | COLUMNS | FENCE



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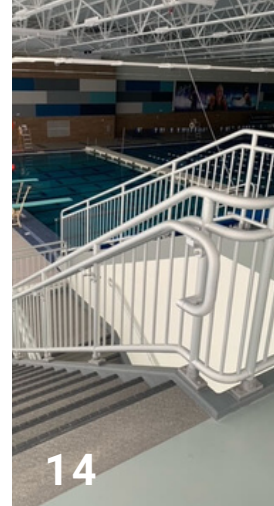
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# SUPERIOR

## ALUMINUM PRODUCTS

Superior Aluminum is the market leader in aluminum railing, columns, and fence. Our numerous advantages include:

- Durable, sustainable code-compliant products built with high quality aluminum
- Numerous customization options
- Products that are assembled in the USA







# THE SUPERIOR DIFFERENCE

Each Superior Aluminum railing section is fabricated in-house by detailed, hard-working craftsmen to exact jobsite specifications. This enables the industry's most streamlined installation process – simply place & anchor the railing with **minimal on-site assembly!**



# ALUMINUM RAILING



Multi-Family Housing

Water Treatment

Commercial Locations



# Square posts and pipe railing options both available.



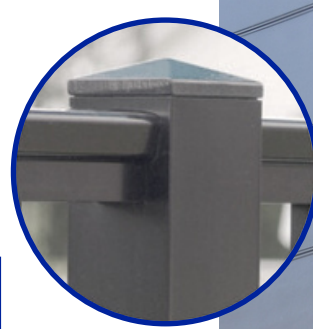
Educational Facilities

Residential Settings

Athletic Venues



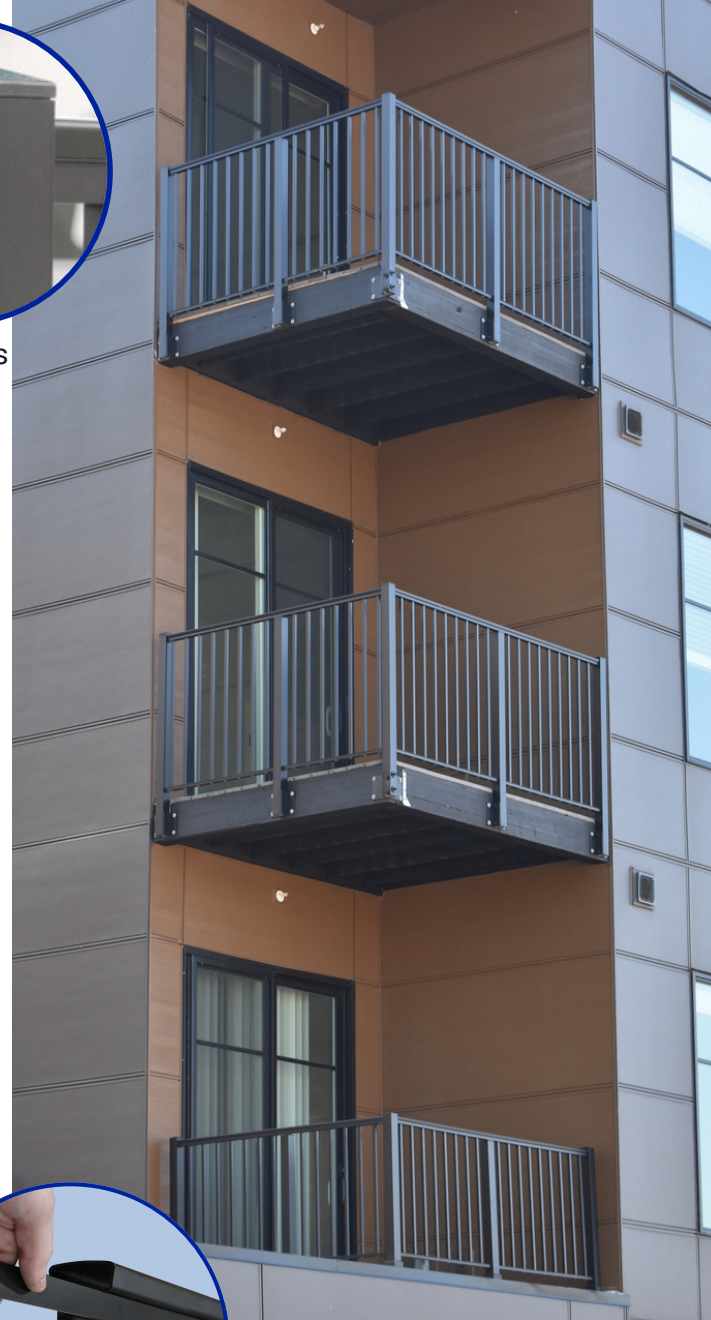
# Series 9P Picket Railing



Pocket Posts

A wide array of customization options makes Superior's square post railing series our most popular for both multi-family and residential applications.

- Built with high-quality, durable aluminum extrusions and castings
- Five distinct finish options
- Screw covers and pocket posts remove exposed fasteners and bulky brackets for a streamlined appearance
- Several picket & style configurations adapt to all architectural tastes
- IBC code-compliant for all multi-family installations



Concealed Fasteners





# Series 9H Horizontal Railing

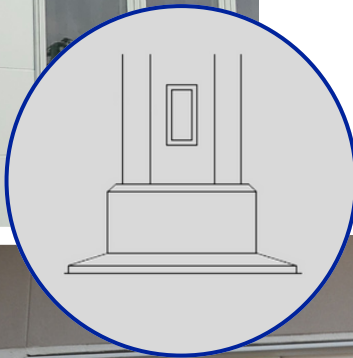
If you're looking to make your project

- attract eyes
- maintain a sleek style
- give a modern appeal

consider Superior's 9H Horizontal Railing. Bringing a contemporary look to the safety and security you've come to trust, Superior's Horizontal Aluminum Railing is sure to set your project apart.

Series 9H is available in level applications only.

Picket-Fastening System



# Series 9G Glass Railing

Glass railing from Superior Aluminum features a tempered glass panel that

- fits into the top & bottom rail
- requires no clips
- available in 5 finish options

This series has the same aluminum frame as all other Series 9 styles for a seamless match.





# Series 9M Mesh Railing

Mesh railing from Superior Aluminum also uses the standard Series 9 square post frame and is available with the following infill options:

- woven wire mesh (pictured)
- round perforated mesh
- square perforated mesh
- Series 9M is available in 5 finish options.



Interior Cutaway View

# Series 9C Cable Railing

By incorporating cutting-edge stainless steel cables in place of pickets, Series 9C Cable Railing provides an unimpeded view of the horizon, while displaying an image of modern sophistication.

- Assembled with premium extrusions, cables, and components
- Allows for unobstructed views over water or scenic landscapes
- Internal fittings eliminate bulkiness
- Meets IBC and IRC requirements





# Series 5C Pipe Cable Railing

Trading square components for round pipe transforms cable railing into an unrivaled blend of modern and industrial style without sacrificing sightlines or safety.

- Update modern or industrial settings
- Superior cable systems do not use large visible turnbuckles
- Framework is built with schedule 40 pipe and reinforced posts
- Stainless steel cables resist environmental hazards
- Available in 6 finish options

Series 9H is available in level applications only.





# Series 5H Pipe Railing

Series 5H Pipe Railing is a code-compliant guardrail solution that is ideal for athletic venues, water treatment plants, and everything in between. This series:

- features non-welded fasteners
- is available in 6 finish options
- and compliments any Superior railing series as handrail.



## ◀ Series 5A Assist Railing

Pipe handrail can be added to any series of our stair rail.



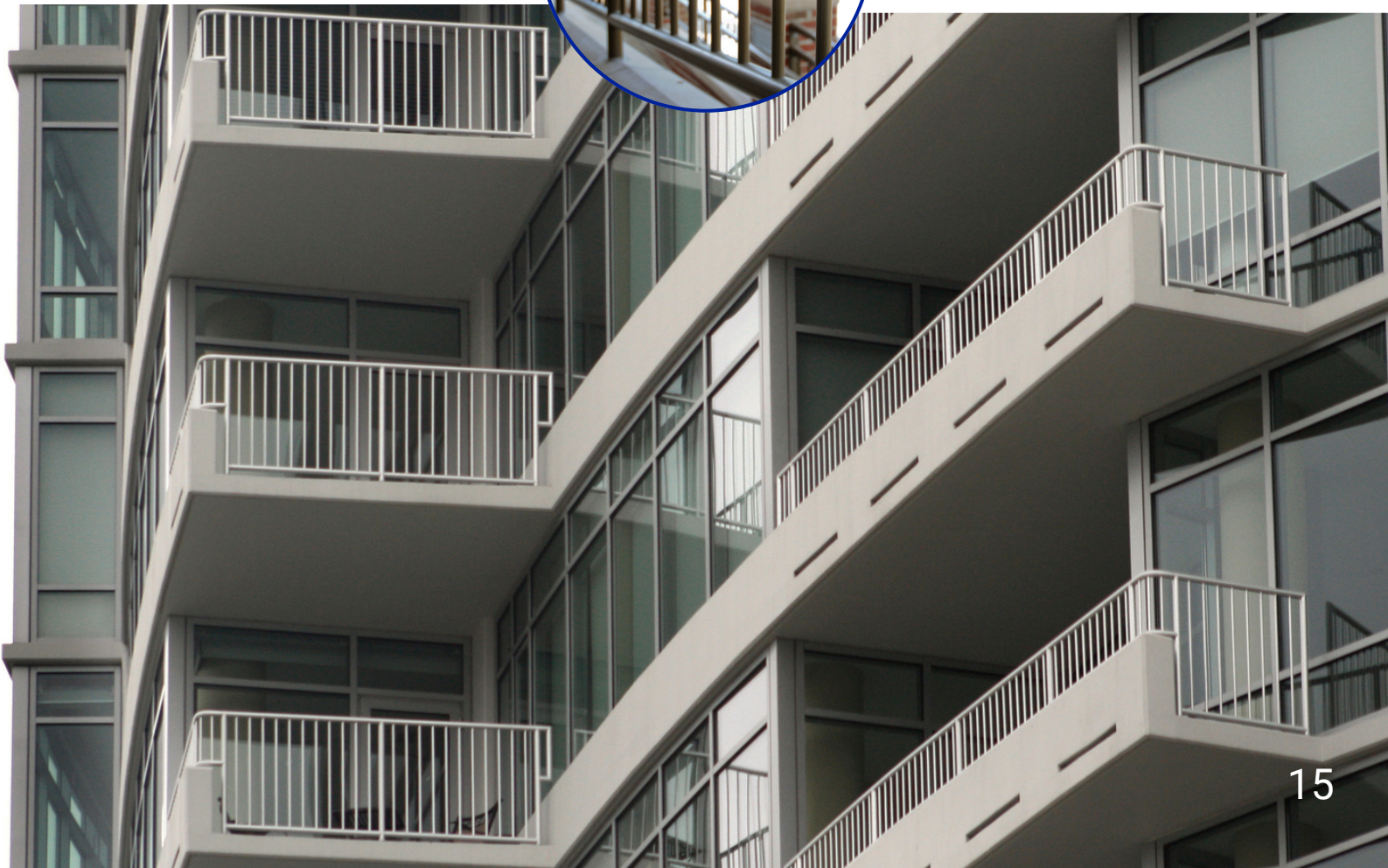
# Series 5P Pipe Picket Railing

When seeking an alternative to traditional square post railing, Series 5P Pipe Picket Railing is a popular option. Pipe Picket railing offers:

- an industrial look to compliment specific architecture styles
- concealed fasteners
- code-compliance
- and is also available in all 6 finish options.



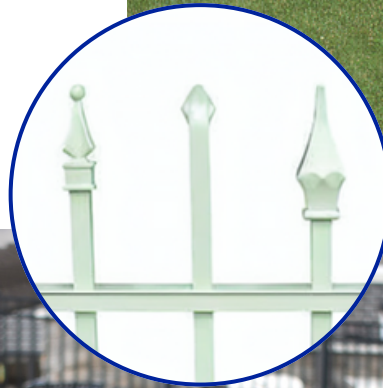
Series 5P Pipe Picket Railing with 5A Assist Rail



# Series 7P Picket Fence

If you're looking for a customizable barrier for a pool, backyard, stadium, or other project, Superior Aluminum's Series 7P Picket Fence is the way to go. With custom picket options, multiple finish selections, and a few different styles to choose from, our picket fence is available to secure your area and meet code requirements.

Custom picket options are available





# Series 7V Privacy Fence

Series 7V Privacy Fence is Superior's solution for hiding unsightly equipment and HVAC units. Available in white, black, dark bronze, and gray, Series 7V Privacy Fence can be used on a variety of applications, comes pre-assembled, and offers the benefits of low-maintenance aluminum.



## Custom Gates

All fence and railing product lines can include customized gates for easy entry points.

- Gate design and size are fully customizable and available in each series offered
- Several latch and hinge options are available based on your project's needs



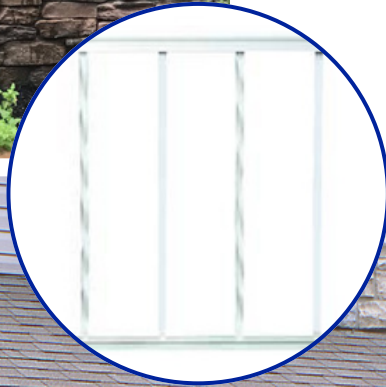
Gate latch options ▶





# Series 6E Economy Railing

Superior's line of economy railing was designed for the residential market. This line offers affordable railing solutions with multiple ornate customization options. Ask us about the ways Series 6E can be modified to make it your own!



Straight and Twisted Pickets



# Railing Finishes & Data

All finishes listed are available in stock. Not all finishes are available for all product lines. See chart below for full details. Custom finishes are available on a project by project basis.

WHITE  
(W)

BLACK  
(B)

DARK  
BRONZE  
(D)

SANDSTONE  
(S)

GRAY  
(G)

SATIN  
ANODIZED  
(A)

Product Line	Post Sizes	Infill Style	Infill Sizes	Finishes	Common Applications
<b>Series 9P Picket Railing</b>	2-1/2" 4"	Aluminum Pickets	3/4" x 3/4" 3/4" x 1-1/2"	W, B, D, S, G	Multi-Family, Educational, Residential, Commercial, Municipal
<b>Series 9H Horizontal Railing</b>	3"	Horizontal Rectangle Aluminum Pickets	3/4" x 1-1/2"	W, B, D, G	Multi-Family, Upscale Residential, Commercial
<b>Series 9C Cable Railing</b>	2-1/2"	Type 316 Stainless Steel Cable	3/16" Cable	W, B, D, G	Settings with a view, Multi-Family, Upscale Residential
<b>Series 5C Pipe Cable Railing*</b>	1-1/2" Schedule 40 Pipe	Type 316 Stainless Steel Cable	3/16" Cable	W, B, D, S, G, A	Settings with a view, Industrial, Multi-Family, Upscale Residential
<b>Series 5H Pipe Railing</b>	1-1/2" Schedule 40 Pipe	Horizontal Aluminum Pipe	1-1/2" Schedule 40 Pipe	W, B, D, S, G, A	Handrail, Waste Water Treatment Plants, Industrial, Commercial, Athletic, Educational
<b>Series 5P Pipe Picket Railing</b>	1-1/2" Schedule 40 Pipe	Aluminum Tube Pickets	3/4" Round Tube	W, B, D, S, G, A	Athletic, Multi-Family, Educational, Commercial, Churches
<b>Series 9G Glass Railing</b>	2-1/2"	Laminated Tempered Glass	3/8" Thick	W, B, D, S, G	Upscale Projects, Multi-Family, Settings with a view
<b>Series 9M Mesh Railing</b>	2-1/2"	Aluminum Wire Mesh or Perforated Panel	Mesh is 1/4" Diameter, Perforated is .12" Thick	W, B, D, S, G	Upscale Projects, Multi-Family, Athletic
<b>Series 7V Privacy Fence</b>	4"	Aluminum Privacy Panels & Pickets	4-1/4" x .07" (panels) 3/4" x 1-1/2" (pickets)	W, B, D, G	Shared Balconies, Hiding Machinery & Dumpsters, Residential
<b>Series 7P Picket Fence</b>	2-1/2" 4"	Aluminum Pickets	3/4" x 3/4" 3/4" x 1-1/2"	W, B, D, S, G, A	Swimming pools, Athletic, Residential, Secure Areas
<b>Series 6E Economy Railing</b>	1-1/2"	Aluminum Pickets	1/2" x 1/2"	W, B, D	Residential porches & decks

Note: All Series are assembled custom to job specifications. Colors are subject to change. See SuperiorAluminum.com for current availability. All Series 6, 7, & 9 products have a 2" wide top rail.

\*Series 5C is currently available in level applications only.

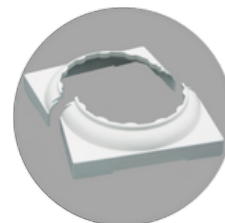
# ALUMINUM COLUMNS

Traditional and modern styles combine with load-bearing strength and wrap-around functionality to make aluminum columns ideal for overhanging structures like porches and covered walkways.



- Four unique profiles with multiple size options
- Most columns are fully load-bearing up to certain specifications
- Columns feature wrap-around functionality for easy remodeling
- Smaller sizes can be installed by one person
- All columns are built with durable, maintenance-free aluminum
- Designed to have the same finish as and be compatible with Superior Aluminum railing

## Wrap-Around Functionality



# SQUARE PANEL

Superior's square panel aluminum columns combine a traditional look with a unique panel design that adds contemporary flair to your project.



# SQUARE SMOOTH

Superior Aluminum square smooth columns offer a sophisticated touch while maintaining a clean look and feel.



# SQUARE FLUTED

Superior's square fluted aluminum columns allow you to enjoy a natural look with minimal maintenance.

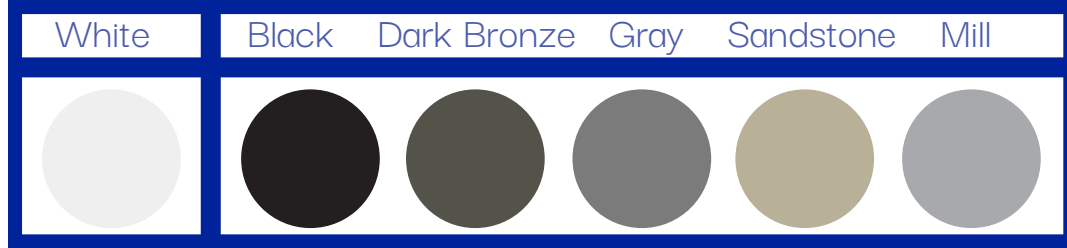


# ROUND FLUTED

Superior's singular choice for round aluminum columns is the round fluted column, which provides a centuries-old style available in white, sandstone, and mill finishes.



# ALUMINUM COLUMN FINISHES & PRODUCT DATA



Standard

Alternate color options



All columns are available in white. Ask a Superior Representative about size availability in alternate colors. Mill is unfinished aluminum that can be painted for custom coloring.

## Square

Diameter	Lengths	Fluted Load Lbs.	Panel Load Lbs.	Smooth Load Lbs.	Outside Dimension	Max Square Encaseable*
4"	<u>8</u> , 10'	13,000	-	15,000	4"	3-1/8"
6"	<u>8</u> , 9, 10, 20'	12,000	40,000	15,000	5-5/8"	4-3/16"
8"	<u>8</u> , 9, 10, 12, 20'	18,000	60,000	24,000	7-1/2"	6-3/16"
10"	8, 10, <u>12</u> , 20'	33,000	80,000	45,000	9-1/2"	8-1/16"
12"	10, 12, <u>16</u> , 20'	27,660	75,000	50,000	11-1/2"	9-3/4"
16"	<u>16</u> , 20, 24'	13,000	75,000	-	15-1/2"	13-3/4"

## Round

Diameter	Lengths	Load Lbs.	Outside Dimension	Inside Dimension	Max Square Encaseable*
6"	8, 9, 10, <u>12</u> '	13,000	5-5/8"	4-3/4"	3-1/2"
8"	8, 9, 10, <u>12</u> , 14, 16'	22,000	8"	7-1/8"	5-1/4"
10"	8, 9, 10, <u>12</u> , 14, 16, 18, 20'	25,000	10"	8-7/8"	6-1/4"
12"	8, 9, 10, <u>12</u> , 16, 18, 20'	30,000	11-1/4"	9-7/8"	6-7/8"
15"	<u>12</u> , 16, 18, 20'	34,000	14-3/8"	13-1/8"	9-1/4"
18"	<u>16</u> , 18, 20'	38,000	18"	16"	11-5/16"
24"	16, 18, 20, <u>24</u> '	50,000	24"	22"	15-9/16"
30"	16, 18, 20, <u>24</u> '	50,000	30"	28"	19-13/16"

The largest sized support structure that can be enclosed by the corresponding wrap-around column.  
Tested lengths are underlined.

# Snap-Tite® PVC Column Wraps

Snap-Tite® PVC column wraps are Superior's patented PVC columns that are designed to save installers' time. These wraps simply snap together, requiring no gluing or mitering. Assemblers are saving an average of 30 minutes per column with Snap-Tite!



Our patented locking mechanism







# Benefits of Snap-Tite®



***PATENTED  
DESIGN***



***INSTALL IN  
UNDER 10  
MINUTES***



***NO GLUE OR  
BUNGEEES***



***2 STYLE  
OPTIONS***

Snap-Tite® column wraps are available in 6" and 8" wide and lengths of 8' or 10'. The 6" column is designed to wrap a 4" x 4" post and the 8" column is designed to wrap a 6" x 6" post.

# PVC Columns

Superior's traditional PVC columns are available in square smooth, square fluted, square panel, tapered smooth, and tapered panel. Unlike Snap-Tite®, these columns do require adhesives and straps to install. If you're looking for a lightweight solution for wrapping your posts, Superior's PVC columns are the perfect fit!





# Fiberglass Columns

If you need strength and load-bearing support coupled with elegance and durability, look no further than fiberglass columns from Superior. We offer six diverse profiles that include tapered and non-tapered designs. Couple that with eight cap and base options for endless combinations. Superior's fiberglass columns are load bearing up to 20,000 pounds.



Interested in learning more about Superior Aluminum Products? Check out our website at [www.SuperiorAluminum.com](http://www.SuperiorAluminum.com). We've been doing this since 1956!

Contact us at [info@superioraluminum.com](mailto:info@superioraluminum.com) or **800-548-8656** and ask for a quote on your project!



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