

# Outdoor Spiral Stairs Materials Guide

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How to Choose the Right Stair for Your Climate, Style, and Maintenance Needs



# Aluminum vs Galvanized Steel

When selecting an outdoor spiral stair, material choice plays a major role in durability, maintenance, and long-term performance. Aluminum and galvanized steel are the two most common options for outdoor use — each with distinct advantages.

## Aluminum



**Best for:** Low maintenance, all-weather outdoor use, modern deck applications

### Key Benefits:

- Naturally resistant to rust and corrosion
- Lightweight but structurally strong
- Ideal for rain, snow, and high-moisture environments
- Can be left raw or finished with powder coating for added protection

### Finish Options:

- **Raw aluminum:** Clean, industrial look with minimal upkeep
- **Powder-coated aluminum:** Added protection, color options, enhanced durability

### Things to Consider

- Typically chosen for residential decks and balconies
- Powder coating improves longevity and appearance

## Galvanized Steel



**Best for:** Heavy-duty applications and strength forward designs

### Key Benefits:

- Extremely strong and rigid
- Zinc coating protects against corrosion
- Performs well in harsh outdoor conditions

### Finish Options:

- Hot dipped galvanized finish

### Things to Consider

- Heavier than aluminum
- Industrial aesthetic
- May require occasional inspection over time



# Adjustable Aluminum

The Adjustable Aluminum Series delivers durable performance with a lightweight, weather resistant design. Its adjustable treads allows the stair to fit multiple floor-to-floor heights without the need for exact measurements, making it a versatile solution for changing or hard-to-measure spaces. Choose from standard or diamond plate aluminum treads with optional integrated lighting adds safety and a sleek, modern finish, perfect for decks, garages, and more.

## Tread Type



Standard

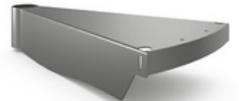


Diamond Plate

## Tread Profile



Standard



Long Curved

## Lighting



Without Lighting



With Lighting



Code Riser





# Adjustable Aluminum

Designed for strength without the bulk, the Adjustable Aluminum Series features sleek railing and baluster options built for durability in any environment. Choose between vinyl or aluminum handrails to match your aesthetic and performance needs. For added versatility, pair with standard vertical balusters or a non-welded line rail system for a modern, open feel. The mill aluminum finish offers a clean, industrial look that resists the elements, making this series ideal for decks, patios, and other exposed spaces.

## Handrail



Vinyl Handrail



Aluminum Handrail

## Baluster

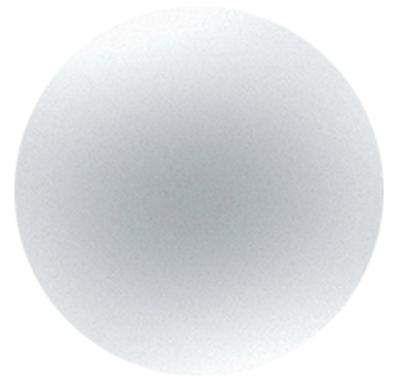


Standard Vertical



Non Welded Line Rail

## Finish



Mill Aluminum





# Aluminum

Built to withstand the elements without sacrificing style, the Aluminum Spiral Stair offers a wide range of tread options for your outdoor spiral stair. Choose from durable aluminum styles like standard, diamond plate, or fan cut grated, or opt for composite or wood tread covers to create a seamless match with your deck. Available tread profiles give you flexibility for both layout and compliance. Optional integrated lighting enhances safety and adds a polished finish, making the Aluminum Spiral Stair a standout choice for decks, patios, and open-air spaces.

## Tread Type



Standard



Diamond Plate



Fan Cut Grated



Solid Wood Cover



Composite Cover

## Tread Profile



Standard



Long Curved



Code Riser

## Available Wood Species

*Additional wood species available upon request*



Mahogany



Teak



Brazilian Cherry

## Lighting



Without Lighting



With Lighting



# Aluminum

The Aluminum Spiral Stair offers railing systems designed to complement a wide range of outdoor applications while maintaining a clean, modern look. Choose from low-maintenance aluminum handrails or warm wood handrails to create a custom feel that matches your outdoor space. Baluster options include standard vertical or stainless steel line rail for a sleek, open aesthetic. With powder coat finishes available in black, white, gray, or a custom color of your choice, the Aluminum Spiral Stair allows you to tailor your stair's look to match your deck, home, or personal style while standing up to the elements.

## Handrail



Aluminum Handrail

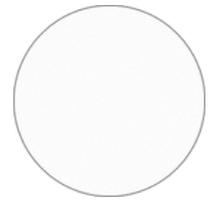


Wood Handrail

## Finish



Black Powder Coat



White Powder Coat



Gray Powder Coat



Custom Color Finish

## Baluster



Standard Vertical



Stainless Steel Line Rail





## Galvanized Steel

Built for long-lasting outdoor performance, the Galvanized Steel Series features a fully weatherproof frame treated with a hot-dip galvanizing process that coats every surface, including connection points, in a rust-resistant finish. Tread options include standard steel, diamond plate for a non-slip surface, or fan cut grated for maximum drainage. Choose from multiple profiles, including standard, long curved, or code riser, to suit your layout and local requirements. Add integrated lighting to enhance visibility and safety, even in low-light or wet conditions.

### Tread Type



Standard



Diamond Plate



Fan Cut Grated

### Tread Profile



Standard

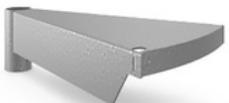


Long Curved



Code Riser

### Lighting



Without Lighting



With Lighting





## Galvanized Steel

Designed for durability in even the harshest outdoor environments, the Galvanized Steel Spiral Stair offers a straightforward railing system that prioritizes strength and longevity. Choose from vinyl or aluminum handrails to suit your style and maintenance preferences, paired with standard vertical balusters for a clean, secure look. Finished with a hot-dip galvanizing process, every component is fully coated for rust resistance and year-round protection. Whether your stair is exposed to rain, snow, or sun, this finish ensures your system stands up to the elements.

### ≡ Baluster



Standard Vertical

### Handrail



Vinyl Handrail



Aluminum Handrail

### Finish



Galvanized Steel



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on your perfect stair



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