



## WHY STANDING SEAM STEEL ROOFING OUTPERFORMS TILE AND SHINGLE OPTIONS

In the evolving world of residential and commercial construction, roofing is a critical investment.

While tile and asphalt shingles have long been traditional choices, standing seam steel roofing has gained significant popularity - and for good reason. Here's why this modern roofing system is proving to be a better, smarter alternative.

### EXCEPTIONAL DURABILITY

Steel panels withstand extreme weather conditions including heavy rain, hail, snow, and high winds.

With a lifespan of 40 to 70 years or more, steel roofs easily outlast traditional materials.

### LOW MAINTENANCE

The interlocking design with raised seams dramatically reduces the risk of leaks and structural degradation.

### ENERGY EFFICIENCY

Steel reflects solar radiant heat, reducing cooling costs by up to 25%. It's ideal for energy-conscious homeowners.

### FIRE AND IMPACT RESISTANCE

Steel is non-combustible with a Class A fire rating and resists hail and debris damage better than tiles or shingles.

### MODERN AESTHETICS AND VERSATILITY

Sleek and available in various colors and finishes, standing seam roofing adds significant property value.

### SUSTAINABLE AND RECYCLABLE

Made with recycled materials and fully recyclable at end of life, steel is the eco-friendly choice.

For longevity, performance, and value, standing seam steel roofing clearly outshines tile and shingles.

United Steel Supply provides Galvalume®, galvanized, and pre-painted steel coils designed for metal roofing and siding applications across agricultural, commercial, industrial, and residential markets

## FIRE RESISTANCE OF UNITED STEEL SUPPLY'S METAL ROOFING COILS

Steel, by its nature, is non-combustible, making it an excellent material for fire-resistant roofing. When used in roofing systems, steel products like those from United Steel Supply can achieve a **Class A fire rating**, the highest classification under standards such as UL 790 and ASTM E108 .

A Class A fire rating indicates that the roofing material:

- Can withstand severe fire exposure
- Offers a high degree of fire protection to the roof deck
- Does not slip from position
- Is not expected to produce flying embers

It's important to note that while the steel coils themselves are non-combustible, the overall fire resistance of a roofing system also depends on other components, such as underlayment and insulation. Therefore, to achieve a Class A rating, the entire roofing assembly must be designed and installed according to fire-resistant standards.

## CONCLUSION

United Steel Supply's steel coils are suitable for constructing roofing systems that can attain a Class A fire rating when properly assembled. For specific fire resistance ratings and compliance with local building codes, it's advisable to consult with roofing professionals and refer to the relevant standards.

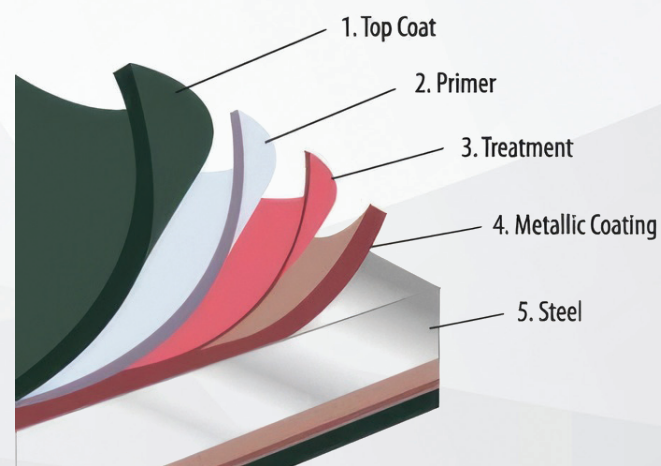
## ECO FRIENDLY

Steel Dynamics, the primary steel supplier for United Steel Supply, utilizes recycled steel in its production processes. Steel Dynamics operates electric arc furnaces (EAFs), which are designed to melt down scrap steel and convert it into new steel products. This method is more environmentally friendly compared to traditional blast furnace operations, as it significantly reduces carbon emissions and energy consumption.

By employing EAF technology, Steel Dynamics produces steel coils with a high recycled content. These coils are then supplied to United Steel Supply, which uses them to manufacture metal roofing and siding products. This approach not only supports sustainability initiatives but also aligns with the growing demand for eco-friendly building materials.

Because of instability in recycled steel, Steel Dynamics uses 80% recycled steel and 20% raw steel. This product is also 100% recyclable

In summary, the steel coils provided by United Steel Supply are produced using recycled steel sourced from Steel Dynamics' operations, contributing to a more sustainable construction industry.



## WE SOURCE OUR COIL FROM



Seamless Metal Roofing and Siding Supplies  
**DO IT RIGHT, DO IT ONCE!**

**26G • STANDARD COLORS**



Burnished Slate Ivory Saddle Tan Beige Light Stone

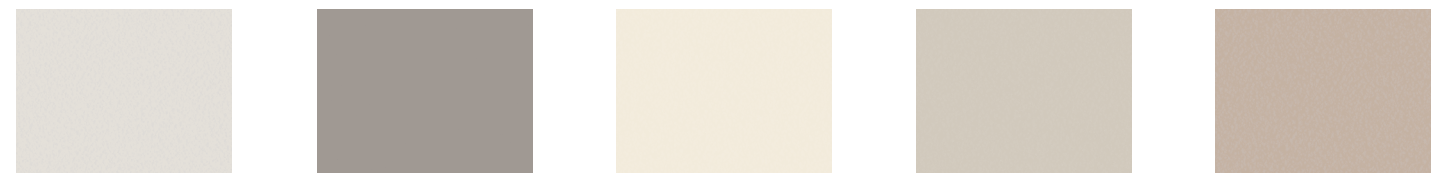


Desert Brown Buckskin Koko Brown Dark Brown Dark Bronze

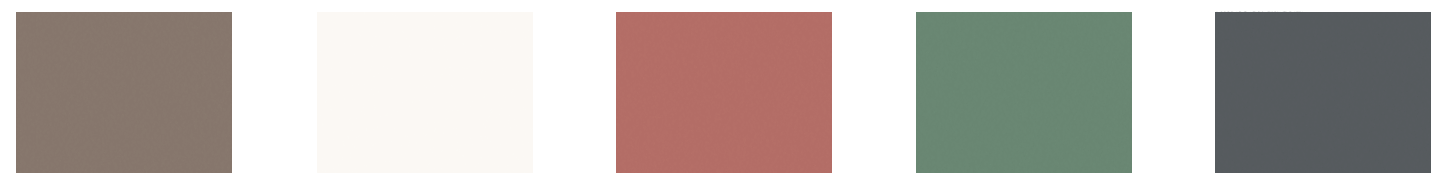


Taupe Old Town Gray Light Gray Dark Gray Charcoal Gray

**CRINKLE COLORS**

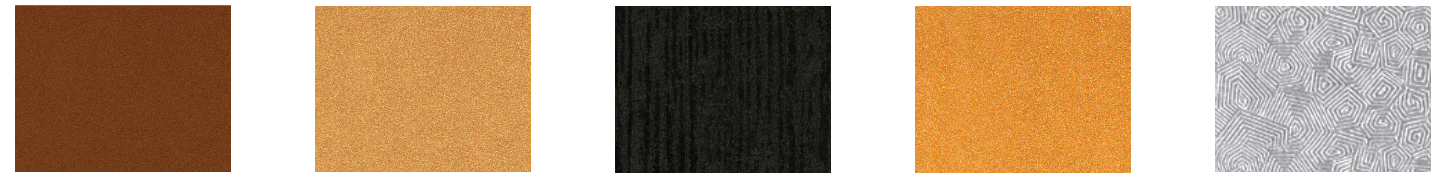


Ash Gray Charcoal Light Stone Taupe Buckskin



Burnished Slate Alamo White Rustic Red Evergreen Black

**SPECIALTY OPTIONS**



Aged Copper Copper Penny Charred Wood Copper Metallic Galvalume

**24G • COLORS**



Regal White Sandstone Slate Gray Ash Gray Charcoal Gray

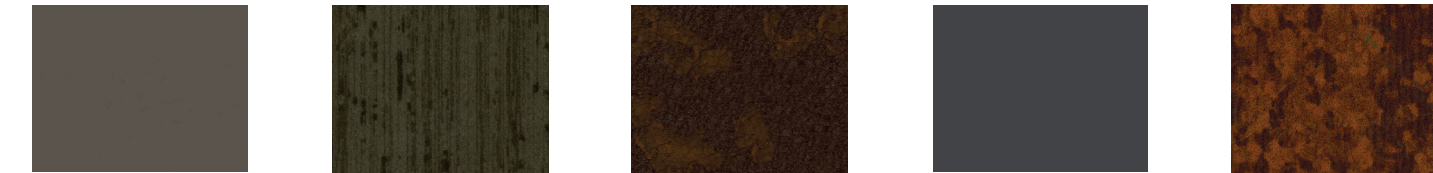


Medium Bronze Dark Bronze Regal Blue Navy Blue Matte Black



Evergreen Colonial Red Galvalume Native Copper

**SPECIALTY OPTIONS**



Vintage Vintage Evolution Rustic Rawhide Gunmetal Corten AZP Raw



Bonderized Charred Wood Crinkle Black Crinkle Burnished Slate Crinkle Charcoal