

METAL ROOFING IN MARINE ENVIRONMENTS



QUALITY METAL ROOFING PERFORMS WELL IN COASTAL ENVIRONMENTS

Anyone who has lived on or visited a coastal area can attest to the dynamics of seaside living. From ocean spray on a windy day to severe storms blowing in off the water, homes in marine environments face specific challenges...especially the roof. The purpose of a home's roof is primarily to keep the structure, possessions, and people inside the home safe. The roof is there to protect.

So why are marine environments hard on a home's roof? For starters, marine environments come with high levels of saltwater exposure, which can lead to corrosion, even with corrosion-resistant products. Marine environments typically experience higher winds which can also wreak havoc on a home's roof, causing damage and accelerated wear and tear. And with the increase in stormy weather comes the potential for water leaks as the wind blows rain and ocean waters into areas where it would typically not go. So what roofing products offer superior performance in coastal environments? Quality metal roofing products!

Why is metal roofing a great choice for marine environments? For starters, a quality metal roof offers durability (strength), longevity (long-lasting), energy efficiency (saving on heating/cooling costs), and easy maintenance. Plus it can look like any other roofing material on the market while providing the beauty and benefits only metal roofing can give.

Metal roofing continues to gain popularity with homeowners throughout the U.S. and Canada due to its exceptional durability, strength, and performance. When it comes to marine environments, a quality metal roof also offers superior longevity. How? It's all in the sacrificial qualities of the metal combined with the protective aspects of the coatings applied on top.

On the metal front, aluminum has a long-standing reputation for being highly resistant to the corrosive effects of saltwater, making it a superior choice for homes situated near the coastline. Most quality aluminum roofing panels coated with a standard PVDF paint system will perform well in marine environments.

In addition, 55% Aluminum-Zinc Alloy Coated steel roofing panels (aka Galvalume or Zinalume) have also proven to perform well in coastal regions when coated with paint systems designed specifically for marine environments. The coatings typically used over a steel based metal roof may include a film barrier, a heavy primer and/or a thick film coating applied over a standard paint system.

Copper is also a great metal roofing option for coastal areas. Copper naturally forms a protective layer of patina (a bluish-green coating) that resists corrosion in environments where saltwater and salt-laden air can damage other roofing materials.

No matter the aesthetic preference, a quality metal roof manufactured to specifications for marine environments is sure to provide homeowners with a beautiful roof and proven performance in coastal climates.

