

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.

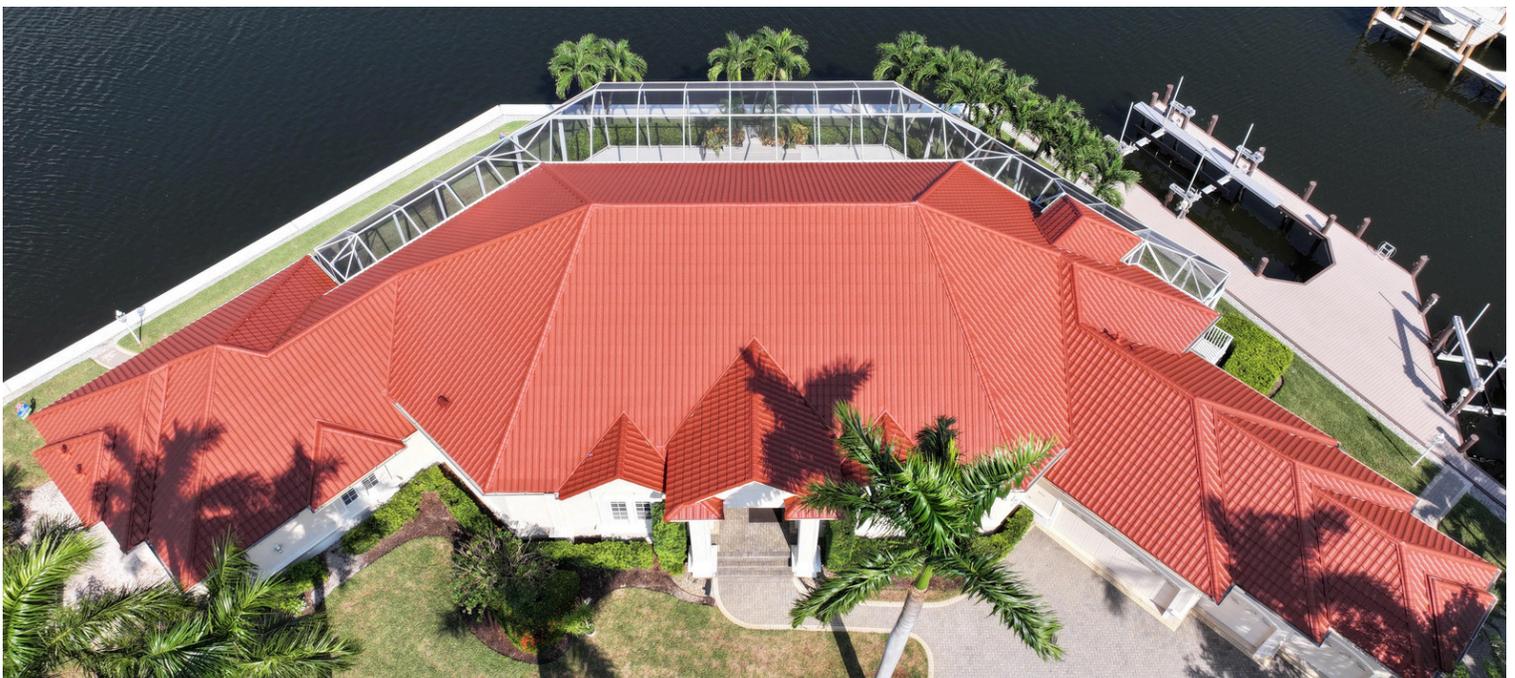
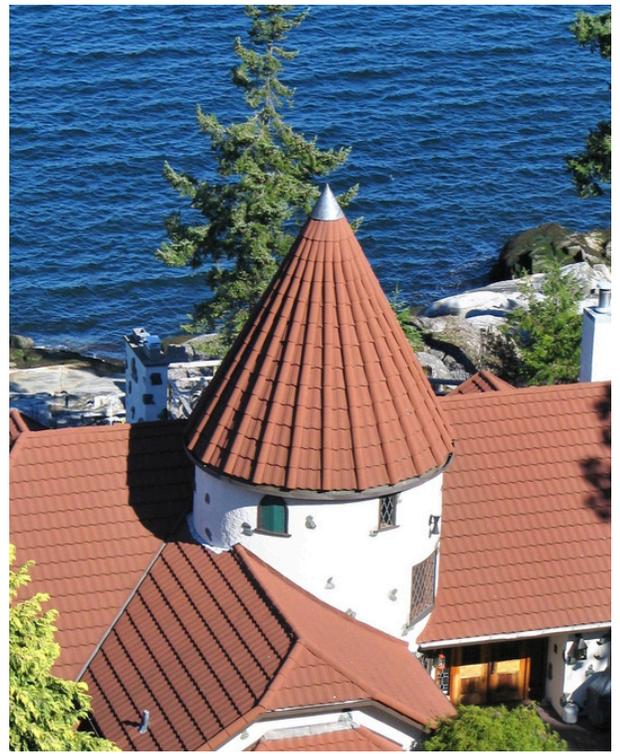
Metal roofing continues to gain popularity with homeowners throughout the U.S. and Canada due to its exceptional durability, strength, and performance. When it comes to marine environments, a quality metal roof also offers superior longevity. How? It's all in the sacrificial qualities of the metal combined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

Copper is 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.

Zinc-aluminum-magnesium (ZAM[®]) coated steel is also a great option and is an advanced metal roofing solution designed for extreme durability—especially in harsh environments like coastal regions. This high-performance material offers built-in self-healing properties, meaning the coating actively protects exposed areas over time. It also performs exceptionally well in environments exposed to salt air, moisture, and even alkaline materials like concrete and mortar. Compared to other metal options, ZAM[®] requires less maintenance and provides long-term cost savings, making it a smart, reliable choice for weatherproof roofing systems.

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.



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