

# Why Choose PERMALITE®: The Ultimate Aluminium Roofing Solution for Coastal and Harsh Environments



When it comes to roofing in demanding environments, not all materials are equal. Introducing the PERMALITE® range, designed specifically to endure the challenges of coastal and harsh environments. Offering exceptional resistance to corrosion and made from high-quality marine-grade aluminium, PERMALITE® roofing, walling and guttering solutions provide peace of mind where durability matters most.

## **Why Aluminium is Ideal for Coastal and Harsh Environments**

Aluminium roof sheeting, walling and guttering have become the materials of choice for projects exposed to salt, humidity, and extreme weather conditions. Unlike traditional steel, marine-grade aluminium stands up to corrosive elements, making it ideal for coastal applications where resistance to corrosion is essential. The PERMALITE® range is crafted with durability in mind, ensuring that your roof, wall cladding and gutter system maintain both their structural integrity and aesthetic appeal over time.

## **Key Features of the PERMALITE® Range**

### **1. Corrosion Resistance for Coastal Climates**

- PERMALITE® products are manufactured from marine-grade aluminium known for its high resistance to corrosion. This makes them ideal for coastal projects, where salt exposure quickly deteriorates other materials.
- The natural oxide layer on aluminium adds a protective barrier, reducing the need for frequent maintenance and enhancing the longevity of roofing and gutter systems.

### **2. Comprehensive Roofing, Walling and Guttering Options**

- The PERMALITE® range includes a variety of roofing profiles to suit diverse architectural and project requirements, from residential to commercial builds.
- Offering a complete solution, PERMALITE® also includes aluminium gutter systems, with the option of the distinctive OGEE gutter, delivering both functional performance and visual appeal.

### **3. Wide Range of Colours for Customisation**

- PERMALITE® products are available in a broad range of colours, allowing architects and builders to align with design aesthetics while ensuring the same high standards of quality.
- These coatings are designed to withstand extreme conditions, ensuring colours remain vibrant and visually striking, even after prolonged exposure to the elements.

### **4. Cut-to-Measure Solutions**

- A hallmark of the PERMALITE® brand is its ability to offer cut-to-measure roofing, walling and guttering products, allowing for precision and ease of installation. This reduces waste on-site and speeds up project timelines, offering efficiency without compromising on quality.

## **Applications of PERMALITE®**

PERMALITE® is a trusted choice for commercial projects and challenging environmental conditions where long-term performance is paramount, such as Forster Surf Lifesaving Club, Townsville Sugar Terminal and Ruth Everuss Aquatic Centre. The aluminium roofing, walling and guttering solutions are popular in applications such as:

- Coastal homes and resorts, where the exposure to saltwater is a constant factor.
- Industrial and commercial facilities needing robust materials that maintain functionality and appearance.

- Infrastructure near marine environments, such as ports and piers, where durability is a critical concern.

### **Why Choose Aluminium Over Steel Roofing?**

While both materials offer unique advantages, aluminium roofing solutions like those in the PERMALITE® range are particularly suited to environments that would quickly degrade steel roofing. Aluminium's ability to naturally resist corrosion makes it less susceptible to the wear that often plagues steel in marine or humid environments. In many cases, opting for aluminium in high-exposure areas can result in lower long-term maintenance costs and an overall extension of the structure's lifespan.

### **The Trusted Solution for Extreme Conditions**

PERMALITE® roofing, walling and guttering systems offer the perfect combination of durability, aesthetic versatility, and corrosion resistance. When quality, reliability, and longevity are non-negotiable, PERMALITE® aluminium solutions deliver peace of mind, protecting structures in even the most challenging environments.

**Explore the PERMALITE® range today** to find roofing and guttering options designed to last, so your projects can stand strong for years to come.

### **Frequently Asked Questions**

#### **What makes PERMALITE® ideal for coastal environments?**

PERMALITE® products are made from marine-grade aluminium, which is highly resistant to corrosion from salt and moisture. This makes them particularly suited for coastal areas where other materials may deteriorate quickly.

#### **Are there colour options available in the PERMALITE® range?**

Yes, PERMALITE® is available in a broad selection of colours from the COLORBOND® range that retain vibrancy over time, even in harsh environments, allowing for both aesthetic appeal and performance. It is also available in unpainted mill finishes.

#### **Can I get PERMALITE® products cut to specific measurements?**

Absolutely. PERMALITE® provides cut-to-measure roofing and guttering products, ensuring a precise fit that reduces waste and supports efficient installation.

#### **Is aluminium a better choice than steel for roofing?**

For coastal or humid areas, aluminium is often a superior choice due to its corrosion resistance. While steel can be suitable in many contexts, aluminium withstands the challenges of harsh environments with less maintenance.