

It is a well known fact that marine corrosion is a problem for householders living by the sea in coastal areas.

In our industry consideration needs to be taken when purchasing windows and doors in areas of this nature, more specifically when purchasing the hardware for doors for properties near the sea.

At Alu-tec we recommend that any home within a 3 miles vicinity from the sea should be fitted with marine grade components to ensure a longer lasting product. Corrosion most commonly occurs within these 3 miles, but is progressively worse closer to the sea. Other factors such as wind exposure, higher temperatures and industrial pollution can create environments where corrosion may occur nearly 12 miles from the sea.

Alu-tec have a collection of Coastal hardware that has been tested and approved as marine grade products, suitable for coastal environments. It is however recommended that any product supplied by us be cleaned of any salt deposits regularly and maintained to supplier recommendations.



**WHAT IS MARINE CORROSION?** Sometimes known as sea corrosion, or salt spray corrosion, Marine corrosion is defined as the accelerated deterioration of metal and other materials, caused by a reaction with the salt-heavy atmosphere of a coastal environment.

Salt-spray and atmospheric salt-content of coastal areas is incredibly destructive to many metals and other materials. While salt-spray is at its most destructive on the seafront, atmospheric salt spray corrosion can occur several miles from the sea due to wind spread and other factors.

## DOOR HANDLES



## greenteQ

- Available in Gold, Chrome, Brushed finishes
- Grade 304 stainless steel construction for exceptional corrosion resistance
- 25 year guarantee\*

\*The Coastline Door furniture from greenteQ are produced from grade 304 stainless steel to provide exceptional resistance to marine corrosion and guaranteed for 25 years. However, these handles must be installed and maintained in accordance with the following recommended guidelines:

- 1) Handle screws must not be over-tightened as this may impair the operation of the hardware.
- 2) All turning points on handles must be lightly lubricated twice a year.
- 3) All surfaces must be regularly cleaned with a soft damp cloth to remove any salt, dust or grime, taking care not to scratch the surface.

**Note:** The guarantee does not apply to any mechanical or surface finish fault if it is caused by wilful neglect, damage or inappropriate chemical contact.

## URN KNOCKERS



## DOOR VIEWER



## LETTERPLATES

AFFINITY



- Available in white, black, chrome, gold and brushed
- 500 hours Salt Spray Guarantee
- Endurance tested to 50,000 cycles of operation
- Coating tested to BS EN1670:2007 Grade 5
- 10 Year Mechanical Guarantee

Letterplates provided to properties in coastal areas should be regularly cleaned with a soft damp cloth to remove any salt, dust or grime from the surface, taking care not to scratch the finish.

**For further assistance, call 01702 899440**

[www.alu-tec.co.uk](http://www.alu-tec.co.uk)

Fletchers Square, Temple Farm Industrial Estate, Southend-on-Sea, Essex SS2 5RN