

COASTAL ENVIRONMENT HARDWARE INFORMATION

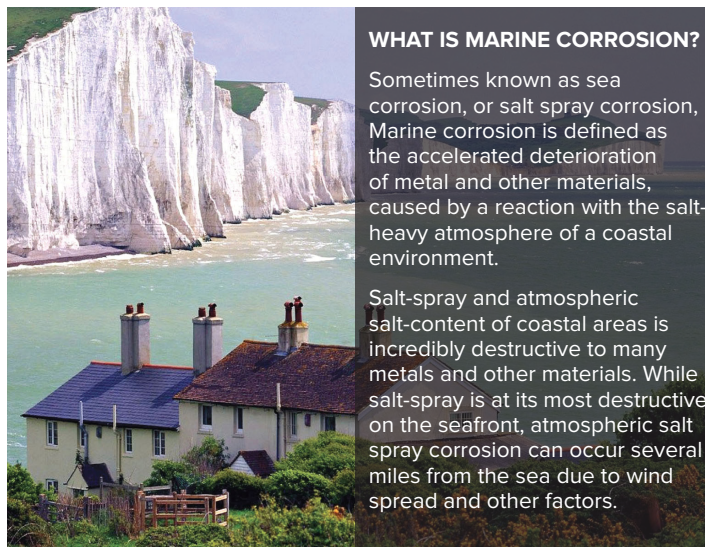


It is a well known fact that marine corrosion is a problem for householders living by the sea in coastal areas.

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 hardware that has been tested and approved as marine grade products, suitable for coastal environments. **We do however recommend 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.

All hardware spec sheets can be found on our website www.alu-tec.co.uk



BLU™

BLU™ STAINLESS STEEL DOOR FURNITURE

Coastal Group's contemporary door furniture includes sleek lever handles, door knobs and door knockers which look fabulous on aluminium and upvc doors.

- Manufactured from 316 Marine Grade Stainless Steel
- Ideal for use where corrosion levels are high such as city or coastal environments and with acidic timber
- Part of a suited range of hardware including matching window handle
- Lifetime Coating Guarantee*
- 15 year Coating Guarantee for on Matt Black furniture*



Products must be maintained, checked and cleaned on a 6-monthly basis, or on a monthly basis in aggressive environments, and any moving parts lubricated annually. Blu™ 'Care and Maintenance' instructions must be followed - www.coastal-group.com

*Lifetime Guarantee means the lifetime of the door or window the product is fitted to. This guarantees that the finish will not peel, rust, pit or corrode. It does not cover scratching. Misuse, negligence or accidental damage will render the guarantee null and void. Full details can be found at www.coastal-group.com



STAINLESS STEEL DOOR FURNITURE

greenteQ's Coastline Door furniture is made from Grade 304 stainless steel construction for exceptional corrosion resistance.

- The Coastline Door furniture includes door handles, urn knockers and door viewers
- Available in Gold, Chrome, Brushed finishes
- 25 year guarantee*



*The Coastline Door furniture must be installed and maintained in accordance with the following recommended guidelines:

- Door handle screws must not be over-tightened as this may impair the operation of the hardware. All turning points on handles must be lightly lubricated twice a year.
- 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.



STAINLESS STEEL LETTERPLATES

- 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

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