

ENVIRONMENT AND CORROSION RESISTANT FASTENERS

Exposure Severity	Approx distance from marine influences and others as per item 5	Suggested Type / Coated Fastener	Approx Life in years
Very Severe Marine	0 – 100 m	Stainless	15
Severe Marine	100 – 400 m	CLASS 4	12
Marine	400 – 1000 m	CLASS 4	20
Moderate	1000 and over	CLASS 4	40
Benign	Greater than 2000 m	CLASS 4	60

IMPORTANT NOTES .

1. A class 3 coated product should not be used within 400 metres of the ocean or where there are severe marine influences.
2. Stainless Steel fasteners are recommended for Stainless Steel Roofing.
3. Industrial buildings or sheds that are used for animal farming or are involved with chemicals or acids can be severe, including dwellings that are near by, consult advice if required.
4. This information has been supplied as a guide only and has not been prepared for any one person, application or location, you should always seek professional advice if unsure.
5. Australia has a wide variety of climatic conditions that include tropical, alpine regions , coastlines with heavy surf and the deserts of the Australian interior.
In addition to these we also have to consider the effects of man made environment issues, distance from water, smell of salt, prevailing winds, elevations, humidity and unwashed areas are all just a few factors that need to be considered.
It is with all this in mind that we here at Powers Fasteners[®] have made the decision to only supply the Alzin[®] Class 4 coating on all Hex Headed self drilling screws.
6. Please check with your Roofing and Wall sheeting supplier for their recommendations for the type of material that is suggested for use in these areas and minimum maintenance periods. Other types of materials can be suggested for use, therefore different fasteners may be required for the installation, consult advice if required.