

Corrosion Management

Climaseal 3®

Climaseal 3® is a unique anti-corrosive coating consisting of three distinct layers which combine to give corrosion protection.

1. Mechanically deposited zinc-alloy coating
2. Chromate conversion coating
3. Aluminium filled polyester coating

Designed to conform to AS3566 Class 3, real life atmospheric testing has confirmed that the performance of Climaseal 3® far exceeds the standard. The tougher coating formula provides superior performance in extreme temperatures, developed and tested in Australia for Australasian conditions.

Climaseal 3® should be used for general external use in mild and moderate industrial, and mild marine applications. Its coated screws are easily recognisable by their silver grey appearance and the silver stripe found on the label packaging of our bulk boxes. For your sign of quality, look for the BX mark on the screw head.

ZACS 4®

ZACS 4® is the ultimate anti-corrosion coating for roofing fasteners and cyclone plates. It is a unique coating system comprising of an alloy combination, which gives exceptional galvanic protection. The coating thickness exceeds 50 microns, which is twice the thickness of an equivalent Class 3 product. Twice the thickness doubles the protection and doubles the performance life of Class 3 fasteners!

These fasteners don't just satisfy AS3566 Class 3, but meet and exceed the proposed AS3566 Class 4 specifications. ZACS 4® should be used in coastal areas where salt, wind, U.V. and moisture are prevalent, in tropical and industrial areas or anywhere high performance cladding material is specified. These are particularly recommended for use in moderate and severe marine environments.

ZACS 4® coated screws are easily recognisable by their blue/grey appearance, the BX4 marking on the screw head and the blue stripe found on the label packaging of bulk boxes.



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ShankGuard®

Under roof corrosion of roofing fasteners is the great hidden danger. All protective coatings are subject to damage during installation when crest fixing metal roofing. Damage is caused by the scratching of the roof sheeting along the shank of the fastener. This allows the corrosive environment to attack the exposed metal of the fastener shank – reducing the structural integrity of any construction leading to costly repairs and replacement.

ShankGuard® is a revolutionary patented design feature specifically designed to protect fastener shanks from scratching and scouring. ShankGuard® cuts a slightly larger hole in the roofing profile than the shank diameter, protecting it against scratching on the sharp edges of the pierced hole in the metal roof. By remaining scratch free the fastener shank keeps its corrosion coating intact and fully functioning, up to 60% more corrosion resistant in comparative tests carried out in accordance with AS3566.



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