

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.

Buildex[®] Warranty Periods - Climaseal[®] 3

- Very Severe Marine - Not Recommended
- Severe Marine - Not Recommended
- **Mild and Moderate Marine - 7 years**
- Very Severe Industrial - Not Recommended
- Severe Industrial - Not Recommended
- **Industrial - 20 years**
- **Light Industrial / Urban - 30 years**
- **Mild Urban / Rural - 40 years**



Metroll Newcastle

ABN 97 001 446 439
268 Macquarie Road
WARNERS BAY NSW 2282
AUSTRALIA
P: +61 (0)2 4954 5799
F: +61 (0)2 4954 0891
sales@metrollnewcastle.com.au
www.metrollnewcastle.com.au

Climaseal[®] 4

Climaseal 4[®], the new coating finish from Buildex, is the end-result of over ten years of “real world” testing, providing a thorough understanding of corrosion and its prevention.

Real world testing has exposed many deficiencies with the acceptance of coated finishes as “deem to comply”, simply because of thickness and density measurements.

The new Climaseal[®]4 coating is a layered system, combining both a high density sacrificial coating substrate, over which a barrier top coat has been applied. The Climaseal[®]4 is then applied by a new, environmentally friendly, processing system.

Climaseal[®]4 meets and exceeds AS3566 Class 4 Specifications. It should be used in coastal areas where salt, wind, UV and moisture are prevalent, in tropical zones and industrial areas. It is particularly recommended for use in moderate and severe marine environments.

From 2004 onwards, a number of Buildex Climaseal[®]3 and all ZACS[®]4 coated fasteners, will have their coating finish converted to Climaseal[®]4.

All Climaseal[®]4 coated screws are easily recognisable by their silver/blue appearance, the “BXZ4” marking on the screw head, and the blue stripe found on the label packaging of Buildex bulk boxes and trade packs.

Buildex[®] Warranty Periods - Climaseal[®] 4

- Very Severe Marine - Not Recommended
- **Severe Marine - 12 years**
- **Mild and Moderate Marine - 20 years**
- Very Severe Industrial - Not Recommended
- **Severe Industrial - 20 years**
- **Industrial - 30 years**
- **Light Industrial / Urban - 50 years**
- **Mild Urban / Rural - 60 years**



Metroll Newcastle

ABN 97 001 446 439
268 Macquarie Road
WARNERS BAY NSW 2282
AUSTRALIA
P: +61 (0)2 4954 5799
F: +61 (0)2 4954 0891
sales@metrollnewcastle.com.au
www.metrollnewcastle.com.au

Climaseal® 5

Climaseal 5 is the first fastener coating which matches the corrosion performance of roofing profiles made from COLORBOND® Ultra steel in both ISO Category 4 and Category 5 environments.

Buildex has used 20 years of experience with real world, outdoor exposure testing on our fasteners to continually offer new and improved anti-corrosive coatings, with Climaseal® 3 in 1990 and Climaseal® 4 in 2004. Climaseal® 5 is our latest unique coating, double the thickness to provide for an ultra high corrosion performance. Climaseal® 5 has a product life and warranty double that of our Climaseal® 4 coated fasteners and will match the corrosion performance of roofing profiles made from COLORBOND® Ultra steel in both ISO Category 4 and Category 5 environments.

Climaseal® 5 can also be used with roofing profiles made from COLORBOND® steel in ISO Category 4 environments (Severe Marine & Severe Industrial).

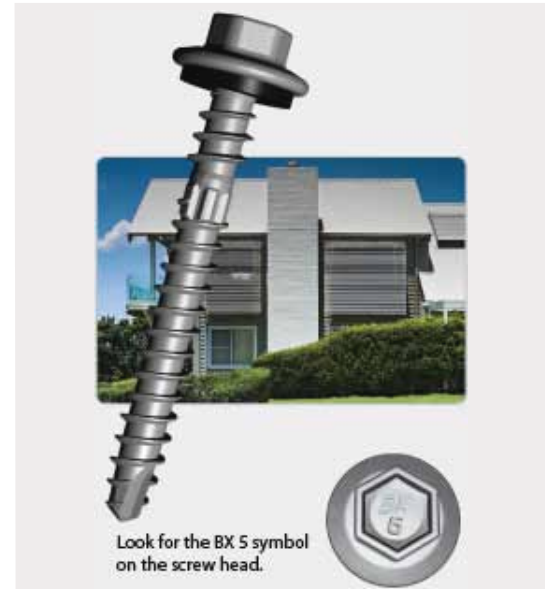
Buildex® Warranty Periods - Climaseal® 5

ISO Category 5

- Very Severe Marine - 10 years
- Very Severe Industrial - 10 years

ISO Category 4

- Severe Marine - 25 years
- Severe Industrial - 25 years



Metroll Newcastle

ABN 97 001 446 439
268 Macquarie Road
WARNERS BAY NSW 2282
AUSTRALIA
P: +61 (0)2 4954 5799
F: +61 (0)2 4954 0891
sales@metrollnewcastle.com.au
www.metrollnewcastle.com.au

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.



Metroll Newcastle

ABN 97 001 446 439
268 Macquarie Road
WARNERS BAY NSW 2282
AUSTRALIA

P: +61 (0)2 4954 5799

F: +61 (0)2 4954 0891

sales@metrollnewcastle.com.au

www.metrollnewcastle.com.au

