



## CORROSION PROTECTION BREMICK WARRANTY

ENVIRONMENTAL CONDITIONS	WARRANTY PERIOD		
	ARMOURCOAT™ 3 AS 3566 Class 3	ARMOURCOAT™ 4 AS 3566 Class 4	REVOLUTION B8 AS 3566 Class 4
<b>Mild Urban / Rural</b> (ISO 9223 CATEGORY 2) Most areas of Australia & NZ beyond 50km from the sea but can be as close as 1km from seas that are relatively sheltered.	10 Years	20 Years	30 Years
<b>Mild/Moderate Marine, Moderate Industrial</b> (ISO 9223 CATEGORY 3) Coastal areas with low salinity, urban and industrial areas with low pollution, varies significantly with factors such as winds, topography and vegetation.	10 Years	20 Years	25 Years
<b>Severe Marine</b> (ISO 9223 CATEGORY 4) Occurs mainly on the coast in areas with rough seas and surf it extends from several hundred metres to 1km inland.	NOT RECOMMENDED	15 Years	20 Years
<b>Very Severe Industrial</b> (ISO 9223 CATEGORY 5*) Aggressive industrial areas.	NOT RECOMMENDED	NOT RECOMMENDED	15 Years
<b>Very Severe Marine</b> (ISO 9223 CATEGORY 5*) Typically C5 zones start from around 150m from breaking surf and extend several hundred metres inland. C5 zones are characterised by salt in the air but not impacted by salt spray.	NOT RECOMMENDED	NOT RECOMMENDED	10 Years

Due to changes in the Consumer Warranty Laws, Bremick has aligned the warranty period for its products to be consistent with the warranty period of the major roofing material suppliers. AS3566.2 Outdoor Exposure testing results indicate the lifespan of our products to extend beyond the warranty period.

Assessment of environmental conditions to be in accordance with ISO 9223  
 \*ISO 9223 Category CX (Extreme) are characterised by salt spray. Typically CX zones are from breaking surf and extend approximately 150m inland. When building in Category CX please consult your local Bremick representative for further advice on warranties and the most suitable fastener for the application.

For more information call: Toll Free 1800 252 922



**BREMICK WARRANTY**

# A revolution in corrosion protection and drilling performance



**CORROSION PROTECTION**  
 Double Conventional Class 4  
 Suitable for use in Very Severe Marine environments (ISO 9223 Category 5)  
**WARRANTY**  
 Double Conventional Class 4  
**COMPATIBILITY**  
 Zinc/Aluminium, ZINCALUME<sup>®</sup>, COLORBOND<sup>®</sup> ULTRA<sup>®</sup> Steel, COLORSTEEL<sup>®</sup> Maxx, Galvanised & Zinc Coatings

**DURABILITY**  
 8 Times Conventional Class 4  
**APPEARANCE**  
 Smoother, finer & matched to ZINCALUME<sup>®</sup>  
**DRILL DRIVE PERFORMANCE**  
 28% Faster than Conventional Class 4  
**CONFORMANCE**  
 Exceeds AS 3566 Class 4



**PURCHASING ENQUIRIES**  
**New South Wales & ACT**  
 Toll Free 1800 252 922  
**Victoria & Tasmania**  
 Toll Free 1800 061 889  
**South Australia**  
 Toll Free 1800 192 300

**Queensland (South & Central)**  
 Toll Free 1800 061 245  
**Queensland (North)**  
 Toll Free 1800 061 034  
**Western Australia**  
 Toll Free 1800 607 499

**Northern Territory**  
 Toll Free 1800 609 699  
**New Zealand (North Island)**  
 Toll Free 0800 658 075  
**New Zealand (South Island)**  
 Toll Free 0800 106 670  
 © Copyright Bremick Pty Ltd



**Bremick is pleased to announce the arrival of the Revolution B8 coating system.**

**Fully Warranted for use in Very Severe Marine and Industrial Environments, including ISO 9223 Corrosion Categories 3, 4, and 5.**

Revolution B8 gives certified corrosion durability of more than twice that of Class 4 fasteners specified in AS 3566.

It has been independently tested in very severe marine environments at Bremick "Outdoor Exposure Test" sites (AS 3566.2) and by accelerated laboratory testing (AS 2331).

**Proven internationally where critical components are subjected to extremely corrosive and high wear applications**

Initially developed for the US Navy, the Revolution B8 coating technology is now widely employed by all major automotive, aerospace and marine engineering organisations worldwide, including **Boeing, Rolls Royce, BMW, Honda, US Army and NATO.**

**Revolution B8 Screws drill 28% faster than conventional Class 4 Screws**

Revolution B8 coating is a hard, highly abrasion and extremely

scratch resistant alloy, which is **eight** times more durable than conventional, soft and friable, zinc tin coatings.

**Revolution B8 remains intact after drilling**

Revolution B8 coating also has excellent adhesion properties and remains intact after installation protecting the entire fastener, even when drilled through high tensile steel.

**A highly durable coating, with unrivalled corrosion resistance and outstanding mechanical durability**

The Bremick Revolution B8 protection system is particularly suited to self-drilling fasteners because it evenly coats their complex geometry providing a uniform coating distribution that is free from head and thread fill. The result gives precise compatibility with cladding materials and an aesthetically pleasing finish.

Revolution B8 is now available in a range of roofing and cladding screws.

**For more information contact your local Bremick Sales Team**

**Revolution B8 Coating has been independently tested in very severe marine test sites and certified to AS 3566.2 CL 5.4a (Outdoor Exposure Test)**



**Pacific  
Environmental  
Testing  
Services**  
ABN 92 631 619 937



PO Box 8, The Junction, NSW, 2291  
02 4969 8808  
0413 650 282  
[robert@pacifictesting.com.au](mailto:robert@pacifictesting.com.au)  
[www.pacifictesting.com.au](http://www.pacifictesting.com.au)

#### CERTIFICATE OF COMPLIANCE

Date	17 <sup>th</sup> July 2010
Certificate Number	C12/10A
Client	Bremick Fasteners 62 Maddox Street Alexandria NSW 2015 195/09
Project Number	
Project Description	Severe marine test site to ISO 9223 C5 for fasteners at Belmont, NSW
Australian Standard	AS3566.2 Self Drilling screws for the building and construction industries Part 2: Corrosion resistance requirements
Panel Number	3
Fastener ID	Bremick Revolution B8 12-11x 50 T17
Date exposed	19 <sup>th</sup> June 2007
Date inspected	19 <sup>th</sup> June 2010
Coating Description	Bremick Revolution B8
No of screws/ 100 with red rust	0
Zinc loss required to meet AS 3566.2	42 µm
Compliance with AS 3566 Class 4	This Outdoor corrosion test has passed the 42 microns of zinc loss requirement for class 4 coatings to AS 3566.2

Robert Jeffrey  
Director  
B. Eng ( Chem), PhD, MIE Aust

