

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)



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
 <p>MILD URBAN / RURAL (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.</p>	10 YEARS	20 YEARS	30 YEARS
 <p>MILD/MODERATE MARINE, MODERATE INDUSTRIAL (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.</p>	10 YEARS	20 YEARS	25 YEARS
 <p>SEVERE MARINE (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.</p>	NOT RECOMMENDED	15 YEARS	20 YEARS
 <p>VERY SEVERE INDUSTRIAL (ISO 9223 CATEGORY 5*) Aggressive industrial areas.</p>	NOT RECOMMENDED	NOT RECOMMENDED	15 YEARS
 <p>VERY SEVERE MARINE (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.</p>	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.

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BREMICK™

A revolution in corrosion protection and drilling performance



30%
FASTER DRILLING
Than conventional Class 4

8X
TOUGHER
Than conventional Class 4 Extremely abrasion resistant. Minimal coating loss during installation.

2X
PROTECTION
Double the Corrosion protection of conventional Class 4 in category 5 environments Suitable for Very Severe corrosive environments (ISO 9223 Category 5).

The Bremick Revolution B8 Coating System

CORROSION PROTECTION

Double the Corrosion protection of conventional Class 4. Suitable for Very Severe corrosive environments (ISO 9223 Category 5).

CONFORMANCE

Exceeds AS 3566 Class 4.

WARRANTY

Fully warranted for ISO Category 5 Very Severe Environments.

DRILL DRIVE PERFORMANCE

30% Faster than conventional Class 4.

DURABILITY

Eight times tougher than conventional Class 4. Extremely abrasion resistant. Minimal coating loss during installation.

APPEARANCE

Smoother, finer & matched to ZINCALUME®.

COMPATIBILITY

COLORBOND® Steel & Ultra Steel, ZINCALUME®, Steel, Galvanized & Zinc coated products, ACQ & treated timber.

The Bremick Revolution B8 coating system.

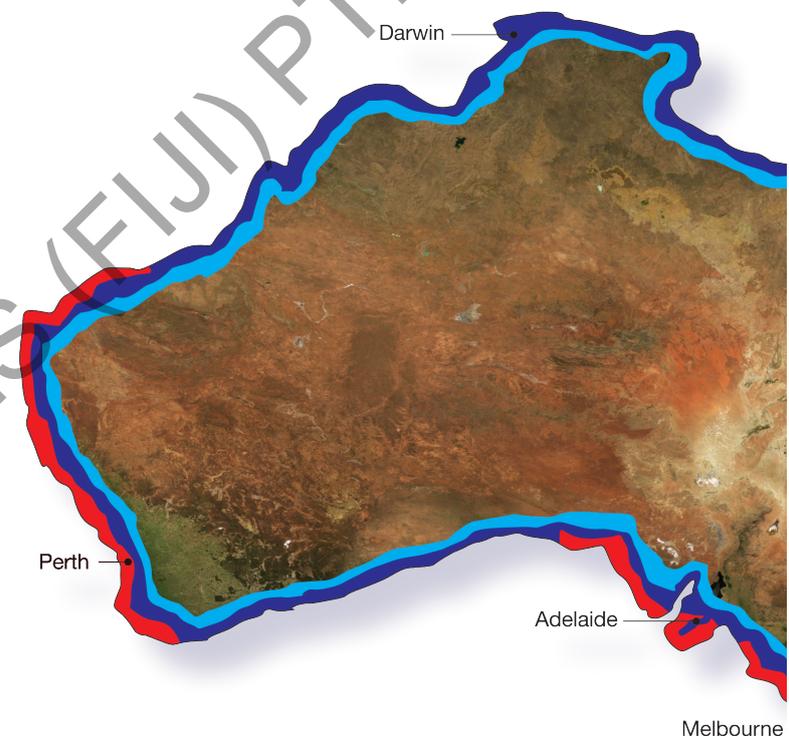


The Revolution B8 Coating System far exceeds the performance specifications of AS3566 with a certified and unrivalled corrosion resistance of more than double that of traditional Class 4 coatings.

Fully Warranted for use in environmental conditions up to and including ISO 9223 category CX (Extreme) very severe marine and very severe industrial zones. Very severe zones are characterised by sea spray and extend from breaking surf approximately 150m inland.

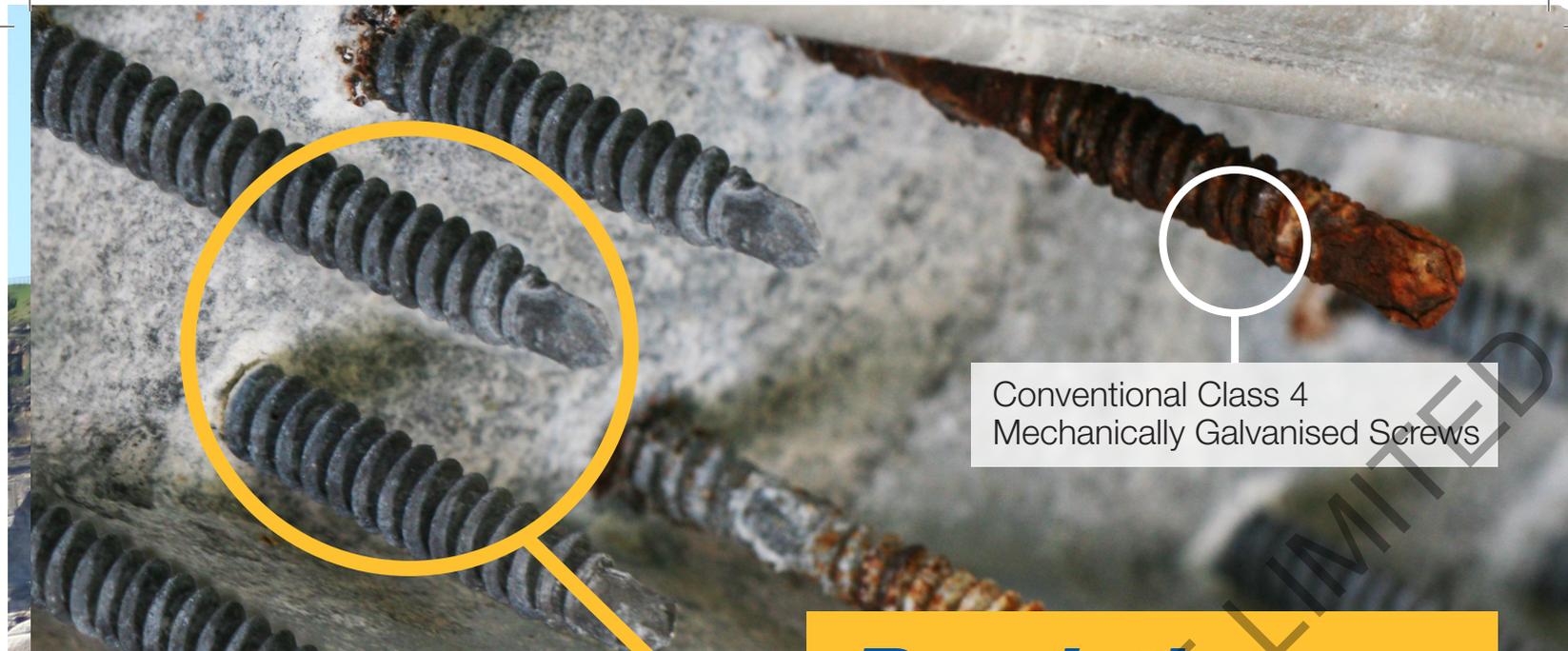
The Revolution B8 has been Independently Tested in very severe marine environments at the Bremick outdoor exposure test sites (AS 3566.2) and by accelerated laboratory testing (AS 2331).

The Revolution B8 Technology was first developed for the US Navy where critical components are subjected to extremely corrosive and high wear applications. This technology is now employed by marine engineering, aerospace and automotive entities worldwide including Boeing, US Navy, NATO, Honda, BMW and Rolls Royce.



Corrosion Zones

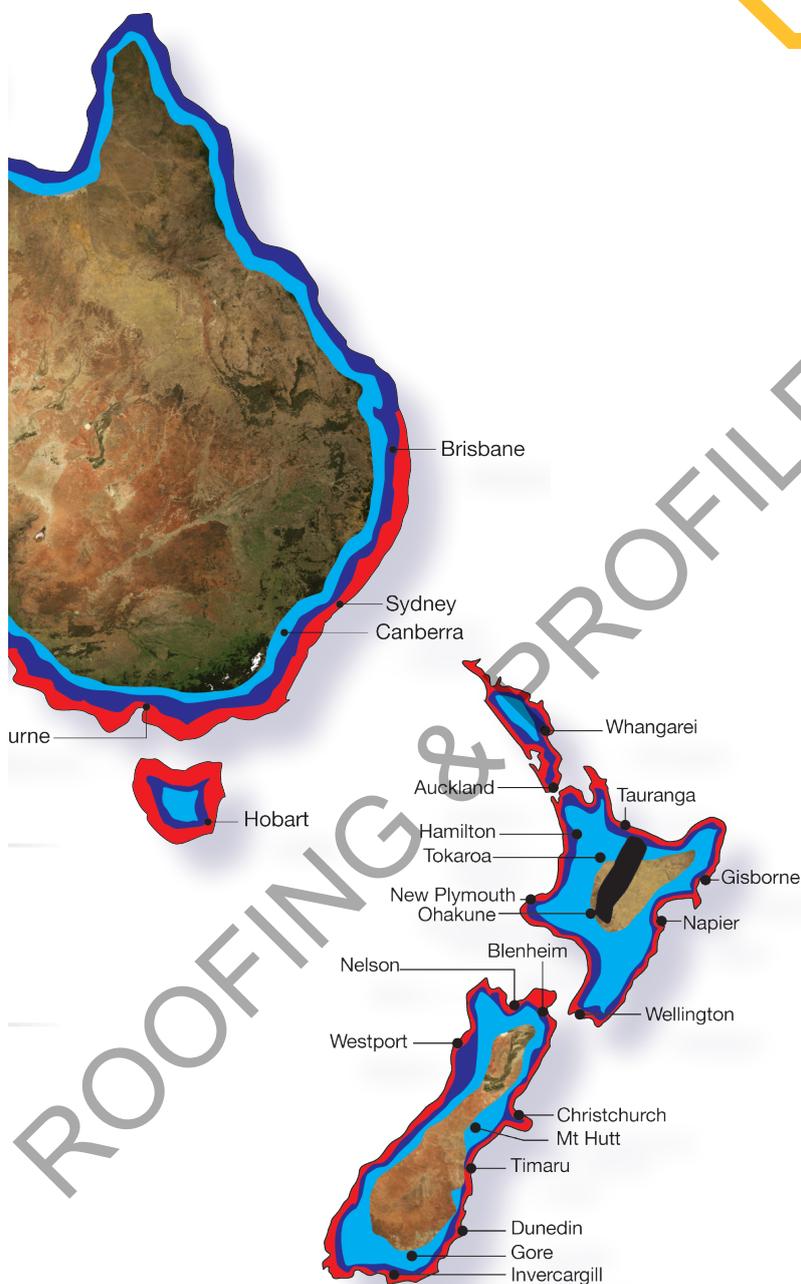
- Category 5 – Very Severe
- Category 4 – Severe
- Category 3 – Moderate
- Category 2 – Mild
- Geothermal



Conventional Class 4 Mechanically Galvanised Screws

Revolution B8 Screws

B8 is **8x HARDER & MORE ABRASION RESISTANT** than a Class 4 coating, minimising under-roof microclimate thread corrosion.



Revolution B8 Screws provide exceptional drilling performance, drilling 28% faster than traditional Class 4 screws.

The Revolution B8 coating is Extremely Abrasion Resistant and remains largely intact after drilling, minimising under-roof microclimate thread corrosion.

The Revolution B8 coating is a highly durable, abrasion and scratch resistant alloy that is eight times tougher than traditional coatings.

The Revolution B8 provides a uniform coating distribution to the most complex geometrical fasteners making it extremely suited to New Zealand's harsh conditions.