## BREMICK

Double the Corrosion protection

REVOLUTION

of conventional Class 4 in category 5 environments.

cifi Testin au1 650 283 Pty Lto 2

CERTIFICATE OF COMPLIANCE

| 3   | 0th March 2016   |
|---|--|
| Jate 7  | 195.9016   |
| South Number  |  |
| When we are a second and a second   | the set an Maddox Street   |
| anne.   | Alexandria NSW 2015  |
| 1   | 152/16   |
| Project Number  | 352/16<br>Assessment of fasteners- corrosion resistance              |
|   |  |
| Australian Standard   | onstruction industrics   |
| Commence of the second s | Part 2: Corresion resultance requirement                             |
| Acres 11  | Bondi (NSW)<br>Complies with Appendix D - AS 3566. Part 2            |
| Test Location   | Complies with Appendix D - AS 3566. Fart a                           |
| aller a strength  | A  |
| Punel Number  | 100  |
| Fasteners Exposed   | SUHT8620501  |
| Item Code   | SDM 6.2-13x50  |
| Fastener type   | R5   |
| Head stamping .   | Right Mickel   |
| Continu Description   | 11.5 % (residual Zinc)   |
| Mighel Content - Average 18   | 10.1-12.7 %  |
| hiskel Content - Rango 79   | 10.1-12.1 A  |
|   | 20.4 μm  |
|   | 20.4 µm<br>17.1 - 30.2 µm  |
| Coating thickness - Range µm  | 19/6/2009  |
| Date exposed  | 24/3 /2015   |
| Date inspected  | 24/3/2013  |
| Months (years) exposed  | 70 (5.8)   |
|   | nil  |
| No of screws' 100 with Har AS 3506.2<br>Zinc loss required to meet AS 3506.2  | 2  |
| Zinc loss required to incertain   | 21 pm  |
| Class 3   | 42 µm  |
| Class 4<br>Actual zinc loss at inspection   | 132 µm   |
| Actual zinc loss at inspects Class 3<br>Compliance with AS 3566 Class 3   | Exceeded   |
| Compliance with AS 3566 Class 4   | Exceeded by > 3 times  |
| Compliance with AS 3500 Com   | The test is completed<br>Test panels destroyed by storm 21st April 2 |
| Comments  | Test panels destroyed by storm and                                   |

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

Available in: **SDM SCREWS** SMHC8120251 SMHT8120681 SMHT8120901

**T17 TIMBER SCREWS** STHT8120501 STHT8120651 STHT8120751

Than conventional Class 4

**ECTIONARY** 

RMANC

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 WARRANTY**

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

for its products to be consistent with the warranty period of the major roofing material suppliers. AS3566.2 Outdoor span of our pro

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.





# REVOLUTIONARY **PROTECTION &** DRILLING PERFORMANCE



Double the Corrosion protection of conventional Class 4 in category 5 environments.

## **CORROSION PROTECTION** Double the Corrosion

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

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

WARRANTY Fully warranted for ISO Category 5 Very Severe

Environments.

**DRILL DRIVE PERFORMANCE** 30% Faster than

conventional Class 4.



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

installation.

**DURABILITY** Eight times tougher than conventional Class 4.

Extremely abrasion resistant. Minimal coating loss during

**APPEARANCE** Smoother, finer & matched to ZINCALUME<sup>®</sup>.

**CONFORMANCE** Exceeds AS 3566 Class 4.