

BREMICK™

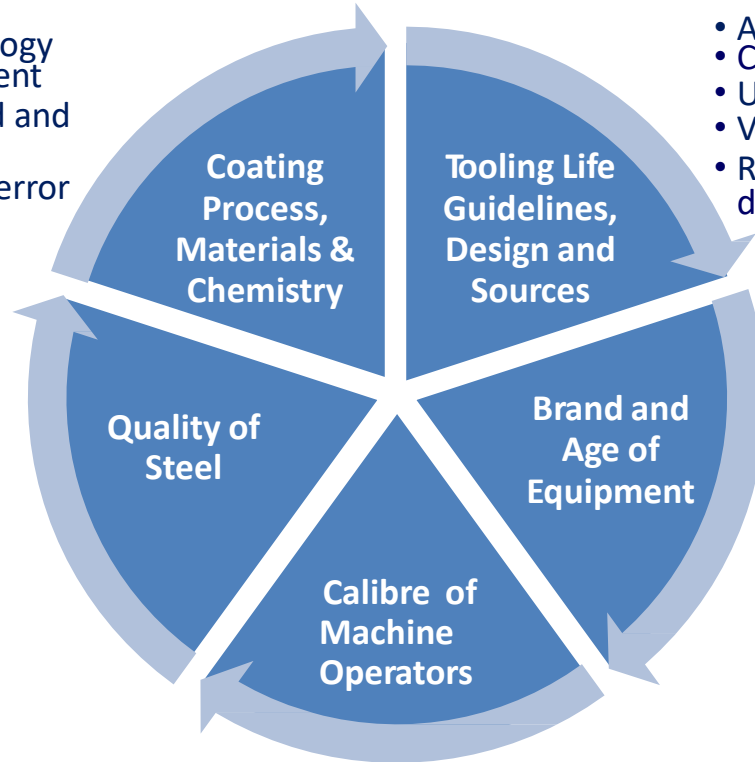
EDGSMITH SCREW SUPPLIER 2020

Bremick 100% owns and controls the five factors critical to the manufacture of screws

- B8 is the latest coating technology
- The process is stable & consistent
- The line is computer controlled and automated
- No batch variability or human error

Steel supplier chosen based on:

- Steel mechanical properties & chemistry
- Homogenous batches of wire within the Annealing furnaces
- Results in better screw point formation



- All dies to a Bremick specification
- Continual improvement in designs
- Use Long term quality die makers
- Very conservative die usage
- Results in consistently higher screw drill times

- New stable machines
- Most reputable brands on the market
- Imported from outside China
- Results in very tight tolerances to the design specifications

- Head-hunt experienced operators who know the critical machine adjustments
- Long term retention bonuses
- Remunerate on quality and not piece output

We have developed the most technically advanced fastener coating on the market



Drills faster

8 times harder coating provides 30% faster drills times.

Lasts longer

Lasts 4 times longer than conventional Galvanised coatings.

(*AS3566-2002 CL3 Galvanised)

Engineering

Manufactured to suit the unique Australian construction conditions.

Quality



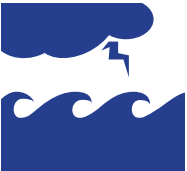


Tested to strict quality standards in Bremick's accredited laboratory.

REVOLUTION
B8
COATING

BREMICK CORROSION PROTECTION WARRANTY

NEW ZEALAND

May 2019

ENVIRONMENTAL CONDITIONS		WARRANTY PERIOD		
		ARMOURCOAT™ 3 AS 3566 Class 3	ARMOURCOAT™ 4 AS 3566 Class 4	REVOLUTION B8 AS 3566 Class 4
	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.	10 YEARS	20 YEARS	30 YEARS
	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.	10 YEARS	20 YEARS	25 YEARS
	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.	NOT RECOMMENDED	15 YEARS	20 YEARS
	VERY SEVERE INDUSTRIAL (ISO 9223 CATEGORY 5*) Aggressive industrial areas.	NOT RECOMMENDED	NOT RECOMMENDED	15 YEARS
	VERY SEVERE MARINE (ISO 9223 CATEGORY 5*) C5 zones are characterised by salt in the air but not impacted by salt spray/mist. Typically, the distance from the shoreline for C5 zones are: - 100-300m inland on the West Coast and South Coast of both Islands - 50-200m inland on the East Coast (incl West facing shores of large harbours)	NOT RECOMMENDED	NOT RECOMMENDED	15 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

*When building in zones that are defined as Extreme Marine (typically 0-150m from the shoreline on the West Coast and South Coast of both Islands and 0-75m from the shoreline of the East Coast (including the West facing shores of large harbours). Normally Aluminium Roofing and Cladding materials will be used in these areas and Stainless Steel fasteners are recommended in these applications.

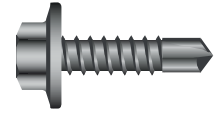
Please consult your local Bremick representative for further advice on warranties and the most suitable fastener for the application.

FOR MORE INFORMATION CALL TOLL FREE: 0800 658 075

BREMICK™



AXIAL WITHDRAWAL FORCES
SELF DRILLING SCREWS FOR METAL - CHARACTERISTIC CAPACITIES
STEEL PURLINS AND STEEL SUPPORTS



Fastener SDM	Mean Ultimate Pull Out Force KN - Steel							
	1.0mm BMT G450	1.2mm BMT G450	1.5mm BMT G450	1.9mm BMT G450	2.4mm BMT G450	3.0mm BMT G300	4.0mm BMT G300	8.0mm BMT G300
6-18	2.0	2.5	3.3					
6-20	2.0	2.4	3.4					
8-18	2.5	2.9	3.7	5.3	6.6			
10-16	2.8	3.0	4.3	5.2	6.7	7.2	9.8	
10-24	2.4	2.9	2.5	5.5	7.0	7.4	9.2	
12-14	2.8	3.2	4.0	5.5	5.8	7.6	9.7	
12-24	2.4	2.8	3.9	4.8	6.4	7.8	10.0	15.0
14-10	3.0	3.7	4.6	6.4	8.4	9.8	12.0	
14-14	2.6	3.0	4.3	6.1	8.0	9.2	12.8	
14-20	2.6	3.4	4.3	5.8	7.6	9.4	12.5	

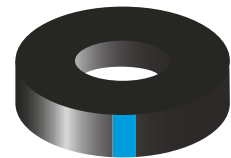
GENERAL MECHANICAL PROPERTIES

Fastener SDM	Single Shear KN	Axial Tensile KN	Torsional Nm
6-18	4.9	6.2	3.6
6-20	4.9	6.1	3.7
8-18	5.8	6.5	5.9
10-16	6.3	11.1	8.3
10-24	6.0	11.2	9.1
12-14	8.4	14.4	13.1
12-24	8.0	16.0	13.2
14-10	11.1	20.3	20.8
14-14	11.4	19.5	21.0
14-20	10.3	19.5	23.8

TECHNICAL SPECIFICATION: EPDM SEALING WASHERS
EPDM (ETHYLENE PROPYLENE DIENE MONOMER)
SEALING WASHERS

Bremick sealing washers are manufactured from resilient, low carbon, non conductive EPDM. Giving high sealing properties together with excellent resistance to chemical and UV exposure.

PRODUCT RANGE: DEKSEAL TRUEBLUE



Please Note: The above data represents characteristic capacities obtained under laboratory conditions and are only applicable to Bremick products. The design professional must apply appropriate safety factors.

