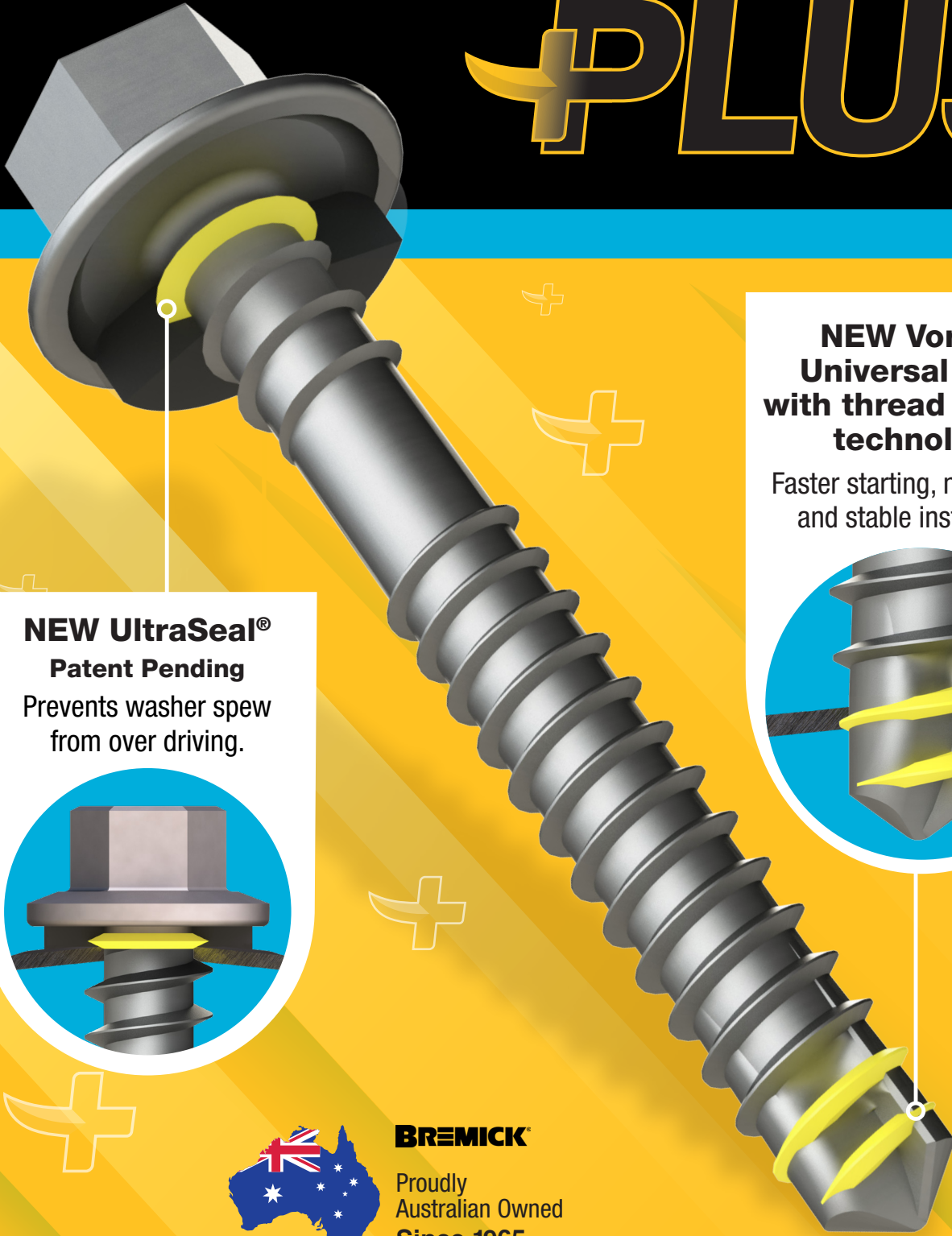


**NEW**

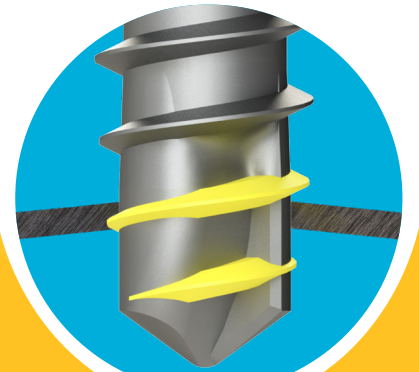
**BREMICK®**

# vortex® PLUS

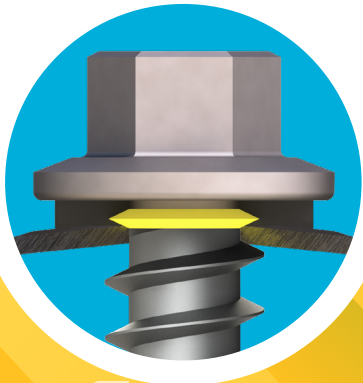


**NEW Vortex®  
Universal Point  
with thread to point  
technology**

Faster starting, no skidding  
and stable installation.



**NEW UltraSeal®  
Patent Pending**  
Prevents washer spew  
from over driving.



**BREMICK®**

Proudly  
Australian Owned  
Since 1965

**NEW**

# vortex<sup>®</sup> PLUS

## Universal Roof Screw with UltraSeal<sup>®</sup> and Thread-to-Point Technology

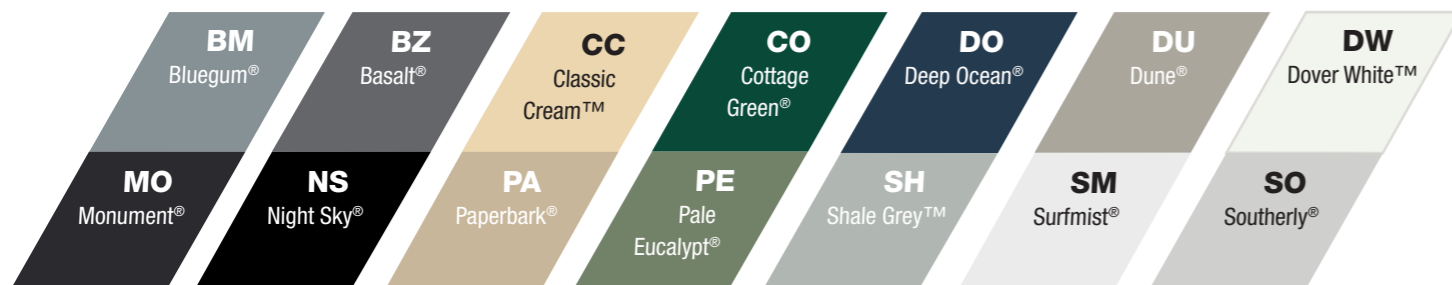
For fastening the crest of Corrugated or Square Rib roof sheeting to metal battens, steel purlins up to 1.5mm or timber.

- One step fastening of Corrugated & Trapezoidal roof sheeting.
- Suits roof profile heights from 16mm to 30mm, Available in lengths 50mm to 65mm.
- Full range of painted screws available in COLORBOND<sup>®</sup> Steel colours.
- Fully warranted for ISO 9223 Category 5 - Very Severe Environments.

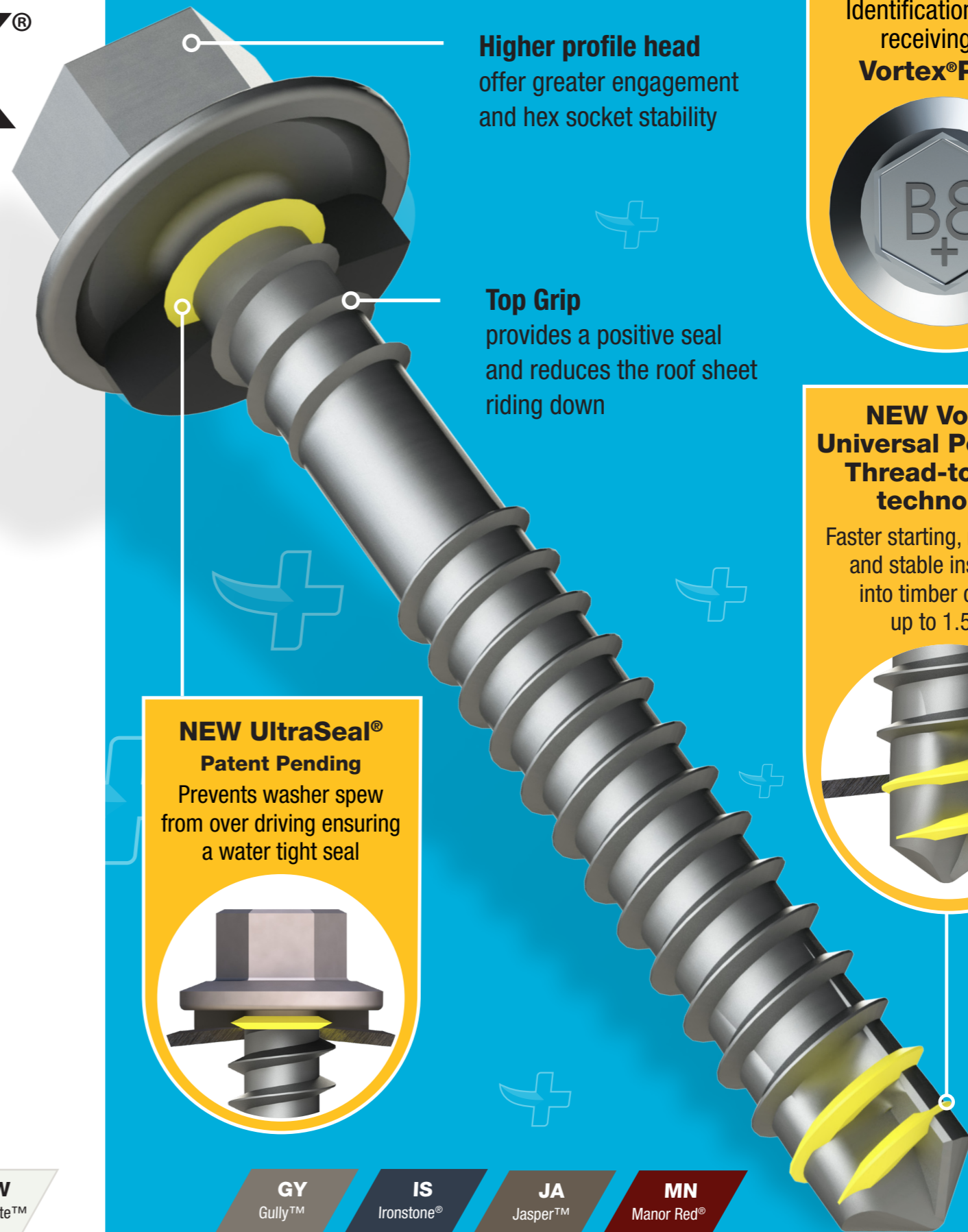
Suitable for use in ACQ & CCA treated timber.

### Vortex<sup>®</sup>PLUS - COLORBOND<sup>®</sup> COLOURS

Full range of Painted Screws available in COLORBOND<sup>®</sup> Steel & Ultra Steel colours.



®,™ All colours listed are Trademarks of Bluescope Steel Ltd



**Higher profile head** offer greater engagement and hex socket stability

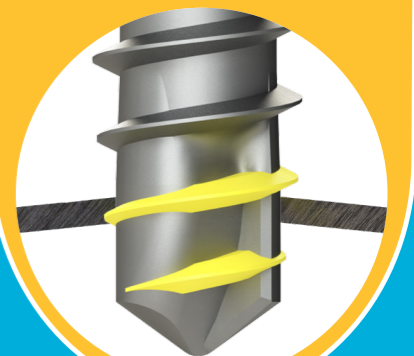
**Top Grip** provides a positive seal and reduces the roof sheet riding down

Identification you're receiving the **Vortex<sup>®</sup>PLUS**



**NEW Vortex<sup>®</sup> Universal Point with Thread-to-Point technology**

Faster starting, no skidding and stable installation into timber or metal up to 1.5mm



**DRILLS FASTER, LASTS LONGER!**



Extreme Corrosion Protection

**NEW UltraSeal<sup>®</sup> Patent Pending**

Prevents washer spew from over driving ensuring a water tight seal



# vortex<sup>®</sup> PLUS

## Installation Recommendations

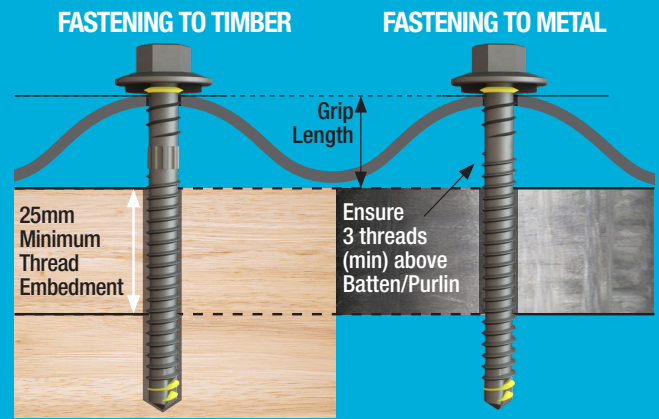
For best results use a power screw driver with variable speed. For timber 1000 RPM & for Steel 2000 to 2500 RPM.

The use of battery screw drivers will significantly decrease drilling speed. Base Materials:

- When fastening to timber (JD3 min.) ensure a minimum thread embedment of 25mm.
- Metal Battens 0.75mm BMT G550 min
- Steel Purlins 1.5mm BMT G450 max.

Only use Bremick Drive Bits.

In cyclonic regions, consult project specifications for fastener spacing.



### Stage 1

Insert screw head into drive socket and position screw point on the crest of the Rib.

### Stage 2

Set the power screw driver to high speed, Apply firm pressure to create a start and drive screw whilst maintaining a steady pressure.

### Stage 3

Drive screw until the sealing washer is partially compressed. Do not over drive. Reverse screw if washer or roof sheet is deformed from over-driving.

## Vortex<sup>®</sup> Plus : Product Range

Product Code	Product Description	Coating	Painted /Plain	Pack Type	Pack Qty	Hex Driver
SVROXT8620501I	Vortex Plus HEX B8(Cat5) 6.2-13x50+SL	B8	Plain	Bulk	1000	5/16
SVROXT8620501T	Vortex Plus HEX B8(Cat5) 6.2-13x50+SL -100	B8	Plain	Trade	100	5/16
SVROXT8620651I	Vortex Plus HEX B8(Cat5) 6.2-13x65+SL	B8	Plain	Bulk	500	5/16
SVROXT8620651T	Vortex Plus HEX B8(Cat5) 6.2-13x65+SL -100	B8	Plain	Trade	100	5/16

For Painted Vortex Plus, add the two digit Paint code to the end of the Plain code. eg: (SM) Surfmist<sup>®</sup> shown below

Product Code	Product Description	Coating	Painted /Plain	Pack Type	Pack Qty	Hex Driver
SVROXT8620501ISM	Vortex Plus HEX B8(Cat5) 6.2-13x50+SL - SM	B8	Painted	Bulk	1000	5/16
SVROXT8620501TSM	Vortex Plus HEX B8(Cat5) 6.2-13x50+SL -100 - SM	B8	Painted	Trade	100	5/16
SVROXT8620651ISM	Vortex Plus HEX B8(Cat5) 6.2-13x65+SL - SM	B8	Painted	Bulk	500	5/16
SVROXT8620651TSM	Vortex Plus HEX B8(Cat5) 6.2-13x65+SL -100 - SM	B8	Painted	Trade	100	5/16

## Axial Withdrawal Forces for Metal Battens & Studs, Steel Purlins & Timber (KN)

Mean Ultimate Pull Out Force KN – Metal Battens				Mean Ultimate Pull Out Force KN – Steel Purlins			Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine)			Mean Ultimate Pull Out in F17/J3 Timber (Hardwood)			
Product	0.42mm BMT G550	0.55mm BMT G550	0.75mm BMT G550	Product	1.0mm BMT G450	1.2mm BMT G450	1.5mm BMT G450	Product	25mm	30mm	Product	25mm	30mm
M6.2-13	1.5	2.0	2.5	M6.2-13	3.5	4.9	5.4	M6.2-13	3.1	4.7	M6.2-13	4.6	6.2



## CORROSION PROTECTION WARRANTY

### ENVIRONMENTAL CONDITIONS

### WARRANTY PERIOD



#### 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

AS 3566 Class 3	AS 3566 Class 4	REVOLUTION B8
NOT RECOMMENDED	<b>15 YEARS</b>	<b>20 YEARS</b>



#### VERY SEVERE INDUSTRIAL (ISO 9223 CATEGORY 5\*)

Aggressive industrial areas.

NOT RECOMMENDED	NOT RECOMMENDED	<b>15 YEARS</b>
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#### 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/mist.

NOT RECOMMENDED	NOT RECOMMENDED	<b>10 YEARS</b>
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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. JobNo.BRE7284