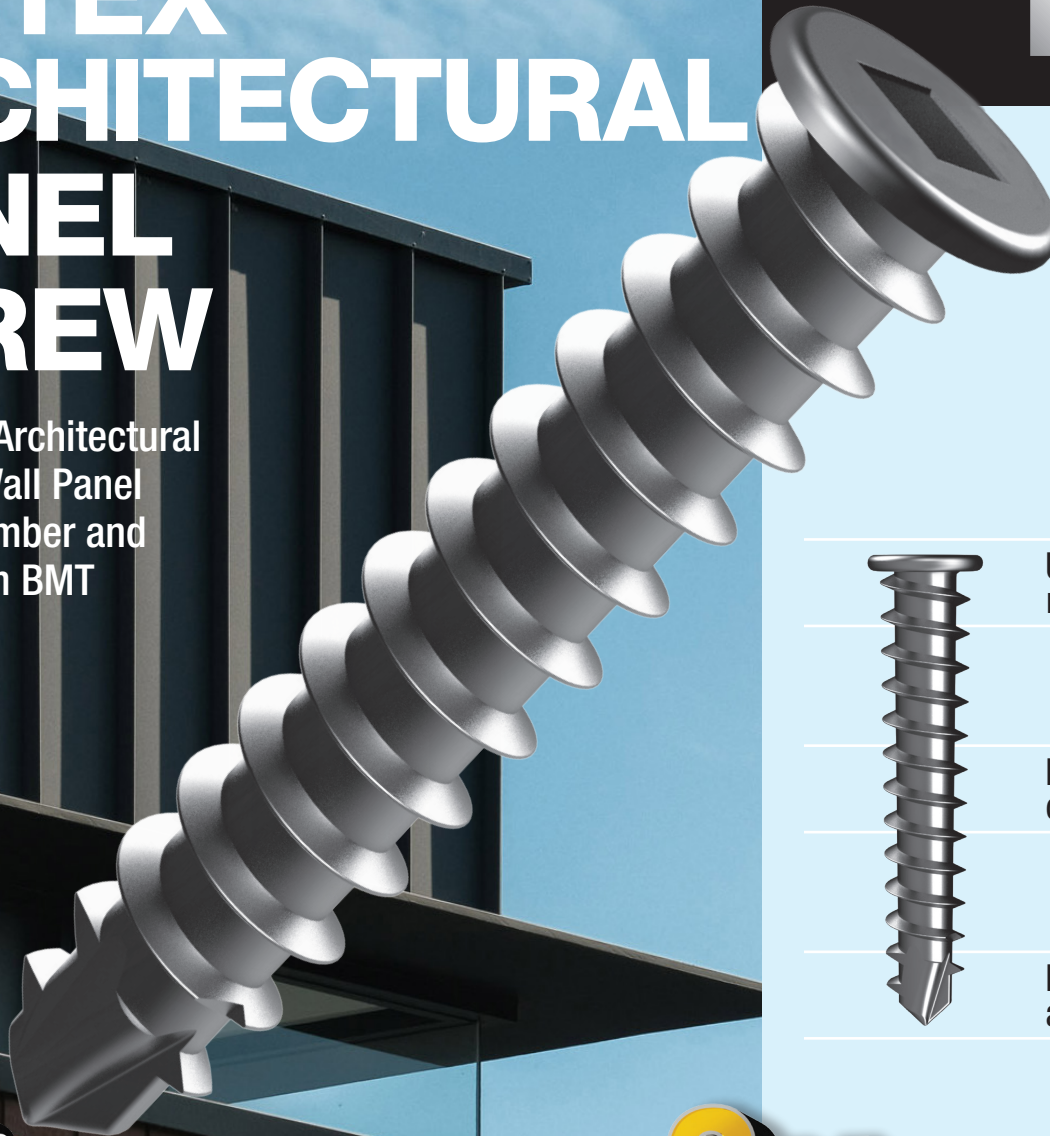


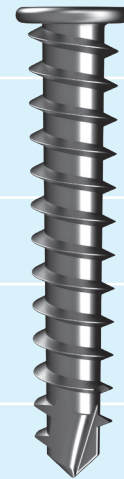
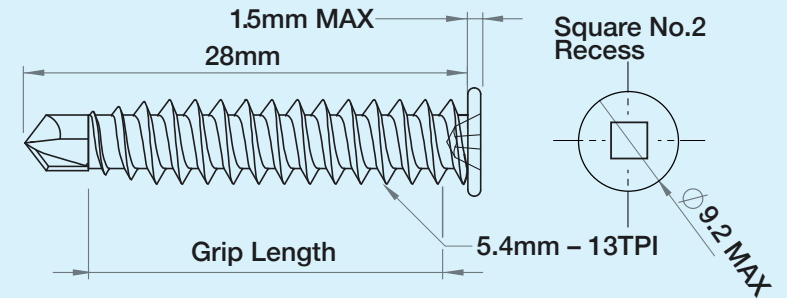
# VORTEX™

# ARCHITECTURAL PANEL SCREW

For fastening Architectural  
Roofing and Wall Panel  
Brackets to Timber and  
Steel > 1.9mm BMT



# BREMICK®



**Ultra Low head** designed for a flush finish with all manufacturers engineered brackets

**Patented Vortex™ thread design** provides smooth, consistent installation

**Patented Vortex™ Point** for metal drilling up to 1.9mm and timber allowing one screw for both applications



**REVOLUTIONARY  
PROTECTION &  
PERFORMANCE**  
for corrosive environments

**2X  
PROTECTION**

More than double the Corrosion protection of conventional Class 4 in category 5 environments.

**8X  
TOUGHER**

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

**30%  
FASTER  
DRILLING**

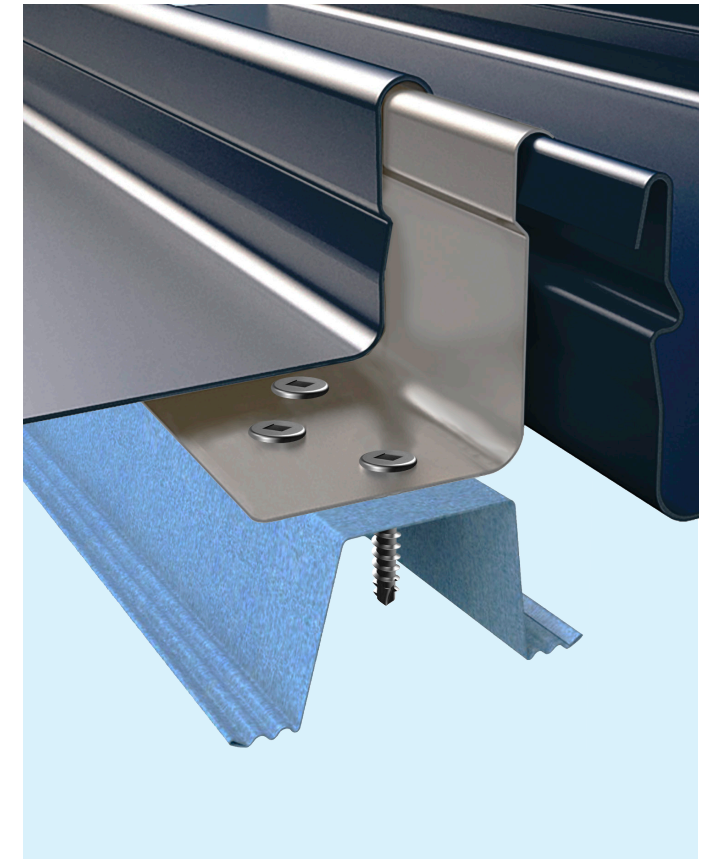
Than conventional Class 4

# VORTEX™ ARCHITECTURAL PANEL SCREW

## Installation Recommendations

For best results use a power screw driver with variable speed of 2200 to 2500 RPM with a No.2 Square driver.

The use of battery screw drivers with clutch drive settings will significantly decrease drilling speed.



### Axial Withdrawal Forces

		Mean Ultimate Pull Out Force KN – Steel		
Product	Product Code	0.55mm BMT G450	0.75mm BMT G450	1.0mm BMT G450
M5.4 -13 x 28mm	SVFLQC8540282I	1.4	2.3	3.3

### Axial Withdrawal Forces for Timber

		Mean Ultimate Pull Out in F5/JD4 Timber (Radiata Pine) Embedment Depth
Product	25mm	
M5.4 -13 x 28mm	2.9kn	

Product Description	Pack Quantity	Pieces per Pallet	Product Code	Square Driver	Screw Length	Grip Length	Shank Diameter	Threads per Inch	Single Shear KN	Axial Tensile KN	Torsional Nm	Maximum Drilling Capacity
VORTEX™ M5.4 -13 x 28mm Ultra Low APS	1000	210,000	SVFLQC8540282I	No.2	28mm	27mm	5.4	13	6.5	11.4	8.5	1.9mm BMT

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