

FIBREGLASS SDM

For fastening the crests of fibreglass translucent roof sheeting to steel purlins.

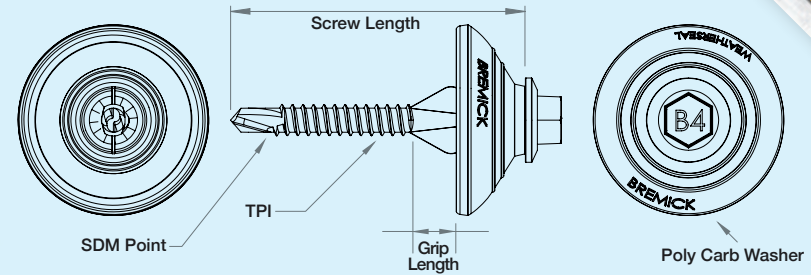
One Step fastening of corrugated and square rib sheeting. eg. Corri glass, Trim glass & 5 rib.

- Suitable for use with profile rib heights 16mm to 35mm into steel purlins up to 2.4mm thick.
- Armour Coat™ protection to AS 3566 Class 4.
- Fully covered by the Bremick Performance Warranty.



OUTDOOR CLASS 4

For use in Category 4 Corrosive Environments



B4 Hex head provides traceability, consistency and stable driving.



32mm diameter Weather Seal sealing washer for water tight and secure fastening.



Cutting Fins Automatically form expansion hole and self centre screw during installation.

Armour Coat™ Class 4 protection Complies to AS 3566.2 Class 4.

Bremick SDM Drill Point maximises drilling speed into metal.

Product Description	Pack Quantity	Product Code	Hex Driver	Screw Length	Grip Length (Min)	Shank Diameter (mm)	Threads per Inch	Single Shear (KN)	Axial Tensile (KN)	Torsional (Nm)	Maximum Drilling Capacity	Expansion Hole Diameter (Min)
CL4 12g -14x 50 with Weather Seal	250	SMHC412050G	5/16	50mm	15mm	6.2	14	11.4	19.5	21	1.5mm	>10mm
CL4 12g -14x 65 with Weather Seal	250	SMHC412065G	5/16	65mm	15mm	6.2	14	11.4	19.5	21	1.5mm	>10mm
CL4 12g -14x 65 with Weather Seal	100	TMHC412065G	5/16	65mm	15mm	6.2	14	11.4	19.5	21	1.5mm	>10mm

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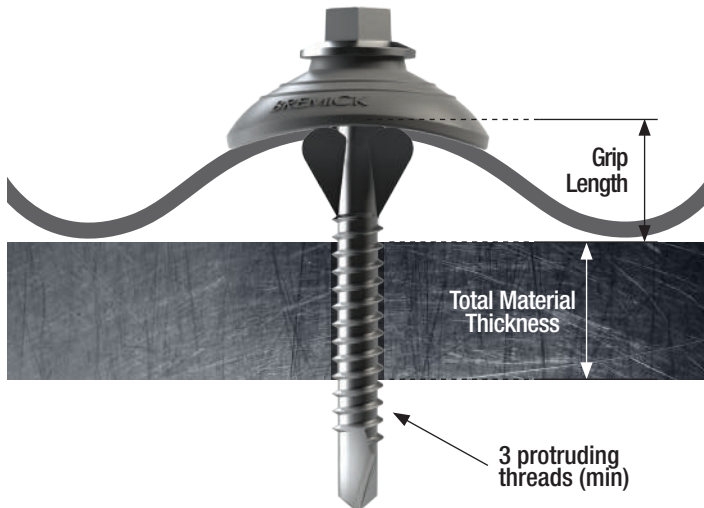
Applications

One step fastening of Fibreglass Roof Sheeting (16mm to 35mm rib heights) to Steel Purlins up to 2.4mm thick:

- Corrugated
- Square Rib
- Broad Sheet

Installation Recommendations

- Use a power screw driver with variable speed.
- For best results initial drive speed 2000 to 2500 RPM.
- Only use Bremick Drive 5/16 Drive Bits.
- Consult sheeting manufacturer for fastener spacings.



Setting Instructions

Stage 1

Install socket into power screw driver. Fit screw head into drive socket & locate screw point at crest of sheet rib.

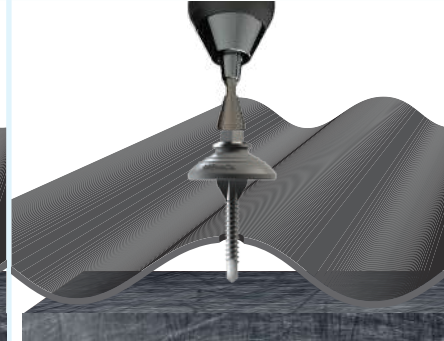
Apply moderate downward pressure onto the roof sheet.



Stage 2

Commence drilling at "slow speed" to allow screw to cut a clean expansion hole in the sheeting.

Maintaining a firm downward pressure, increase drive speed & continue driving until the Weather Seal washer seats firmly.



Stage 3

Ensure the washer creates a water tight seal with the crest of the Fibreglass sheet.

If over driven, the washer will deform &/or have a gap between the roof sheet & the washer.

Reverse out screw to create watertight seal.



Axial Withdrawal Forces for Steel Purlins

Product	Mean Ultimate Pull Out Force KN – Steel Purlins			
	1.2mm BMT G450	1.5mm BMT G450	1.9mm BMT G450	2.4mm BMT G450
12g-14	3.6	4.5	6.1	8.0

X Incorrect Installation – Over driving causes the seal to deform, allowing water to penetrate.



OUTDOOR CLASS 4

A durable multi-layered metallic coating for moderate & severe corrosive environments in accordance with AS 3566-2002 & ISO 9223 Category 4.

Suitable for **OUTDOOR** applications.