

14-14 FIBREGLASS SDM

APPLICATION

Bremick® 14-14 Fibreglass SDM Roofing Screw is designed for crest fixing fibreglass roof sheets to steel purlins.

Typical application is commercial building skylights.



**REVOLUTIONARY
PROTECTION &
PERFORMANCE**
for corrosive environments

PRODUCT ATTRIBUTES



B8® Hex Drive provides traceability and offers greater engagement and hex socket stability.

Fibreglass washer from DEKS® for roof applications that require high strength, UV, Ozone and corrosion resistance. The washer design provides ultimate sealing and protection.

Wing to create an expansion hole in the fibreglass roof sheet.

Finish High Corrosion performance with the B8 Coating. Suitable for Category 5 corrosive environments in accordance with ISO 9223-2012 and AS4312-2008.

SDM Point For drilling into steel while ensuring maximum pullout strength and a high strip torque.

DRILLING & INSTALLATION CAPACITY

Base Materials:

- Metal Battens G550
- Steel Purlins G450

Max drilling capacity of 5.0mm.

When fastening metal, ensure 3 threads minimum embedment, protrude below battens / purlins.

INSTALLATION INSTRUCTIONS

1. Use a 5/16" Bremick® Hex Socket.
2. Insert the socket into a Power tool and select a drive speed of 1000 to 1500 RPM.
3. Fit the screw into the socket and position the screw point on the crest of the Rib.
4. Commence drilling at "slow speed" to pierce sheeting.
5. Apply firm pressure, drive until the seal seats firmly. Do NOT overdrive. Reverse screw if washer or roof sheet is deformed from over driving.

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MECHANICAL PROPERTIES

SIZE	Single Shear (kN)	Axial Tensile (kN)	Torsional (Nm)
14-14	11.4	19.5	21.0

PULL OUT VALUES

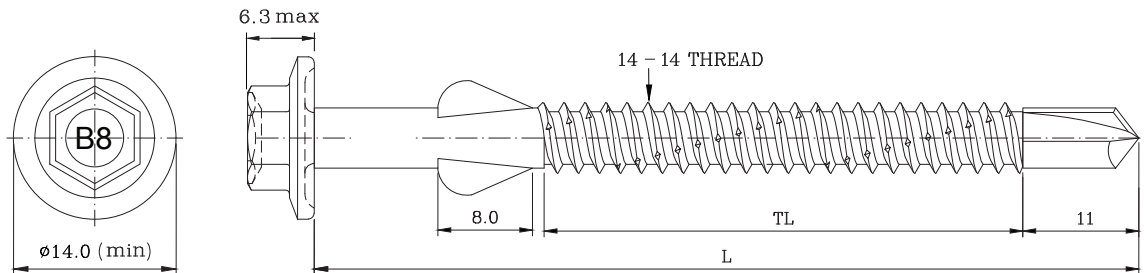
Mean Ultimate Pull Out Force kN – Steel Purlins

SIZE	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
14-14	2.8	3.6	4.5	6.1	8.0	9.2	12.8

Mean Ultimate Pull Out Force kN – Metal Battens

SIZE	0.42mm BMT G550	0.55mm BMT G450	0.55mm BMT G550	0.75mm BMT G550	0.9mm BMT G550	1.0mm BMT G550	1.2mm BMT G550
14-14	1.0	1.0	1.1	1.9	2.3	2.6	2.8

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.



RANGE

Product Code	Description	Head Driver	Pack Qty (EA)	Finish	Length L (mm)	Thread Length TL (mm)
SMHC812050G	SDM 14-14x50 HEX +FG	5/16" Hex	250	B8® COATING	50	20
SMHC812065G	SDM 14-14x65 HEX +FG	5/16" Hex	250	B8® COATING	65	35
TMHC812065G	SDM 14-14x65 HEX +FG	5/16" Hex	100	B8® COATING	65	35
SMHC812085G	SDM 14-14x85 HEX +FG	5/16" Hex	250	B8® COATING	85	55

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