

DrillTech CSLSC - carbon steel composite panel self-drilling screw

Technical Data Sheet

Typical Applications

- Fixing composite panels to light-medium steel purlins and sections.
- Fixing composite panels to timber.
- Fastening liner panels to steel and timber substructure.

Product Information

Size (mm)	Drill Point	Drilling Capacity (mm)	Head Style	Drive	Finish
5.5/6.3 x L	3pt	1.2 - 5.0	Hex	8mm A/F	Silver Ruspert

Ultimate Pullout Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness			
		1.2mm	2.0mm	3.0mm	5.0mm
5.5/6.3	3pt	1.2	2.7	4.4	12.4

Ultimate Shear Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness	
		1.2mm	5.0mm
5.5/6.3	3pt	4.2	10.0

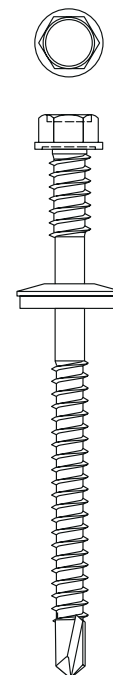
Ultimate Pullover Strength, kN

Diameter (mm)	Drill Point	Nominal Steel Thickness		
		0.5mm	0.7mm	1.2mm
5.5/6.3	3pt	3.7	5.3	8.6

- Pullout tests conducted by VJT Test Laboratory using in-house test method VJTTL SOP14 based on the latest CFA guidance note (method available on request).
- Pullover tests conducted following the principles of BS 5427:2016+A1:2017 (Code of practice for the use of profiled sheet for roof and wall cladding on buildings: Annex E). Tests conducted with 16mm washer fitted under screw head.
- Performance data is unfactored.

All product specifications and data are subject to change without notice. The data contained in this datasheet is believed to be accurate and is reproduced in good faith. It is the customer's responsibility to ensure that the product described in this datasheet is suitable for their application.

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Features & Benefits

- Drills 1.2-5mm thick steel
- C1022 case-hardened carbon steel
- 1000 hour silver ruspert finish
- Available with a 16mm bonded EPDM washer

Installation Tips

- For optimal install use a screwgun with depth setting nosepiece and RPM range of 1500-2200
- Avoid overdriving/ overtightening
- Fastener is fully seated when head is in contact with material surface, bonded washers should not compress >66% of original thickness
- A minimum of 3 threads must protrude through the rear of the metal structure