

Technical Data Sheet

Ref: TDS-01-RF-07

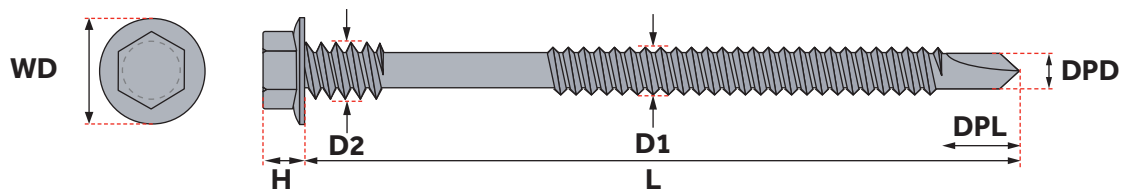
Metal Construction Composite Panel Screws

Composite Panel to Light Section Steel - Hex - EPDM Washer - Self Drilling - Exterior

Features

- Specifically designed to attach composite panel to light section steel (Max. 5mm).
- 8mm hex head for improved driving performance with a socket driver.
- Available with a 16mm EPDM washer to prevent water ingress.
- Self tapping split thread.
- No.3 drill point.
- Exterior plated to achieve in excess of 500hrs in accordance with BS EN 9227.
- Conforms to BS EN 10666.

Dimensional Data



Product Code	Diameter (D1/D2)	Length (L)	Head Height (H)	Fixed Washer Diameter (WD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Min - Max Panel Thickness
LH82W16B	5.5/6.3	82	4.4	12.0	4.5	8	32 - 62
LH98W16B	5.5/6.3	98	4.4	12.0	4.5	8	48 - 78
LH115W16B	5.5/6.3	115	4.4	12.0	4.5	8	65 - 95
LH150W16B	5.5/6.3	150	4.4	12.0	4.5	8	100-130
LH180W16B	5.5/6.3	180	4.4	12.0	4.5	8	130-160

All stated figures (mm) are approx and for reference only.

Performance Data

Test material	:	S275JR steel
Screw diameter	:	5.5/6.3
Test plate thickness	:	5.0 mm
Rec. Pull out (kN)	:	5.6

Test data stated is for reference only as this may not represent the actual figures you may achieve in application.

Installation Data

Diameter	:	5.5/6.3
RPM	:	1000-1800
Max. Drill capacity	:	5.0 mm

Additional Information

To ensure an effective fixing, thread must be visible behind the supporting steel after application.