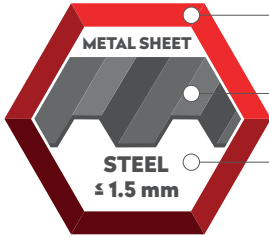




SELF-DRILLING SPACER SCREW

APPLICATION



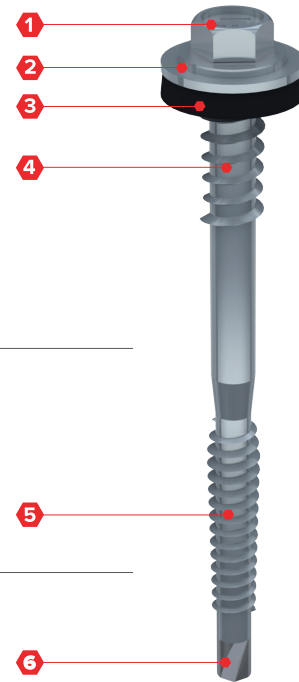
Bi-metal A2 304

Metal sheet Screw

Steel ≤ 1,5 mm

SPECIFICATION

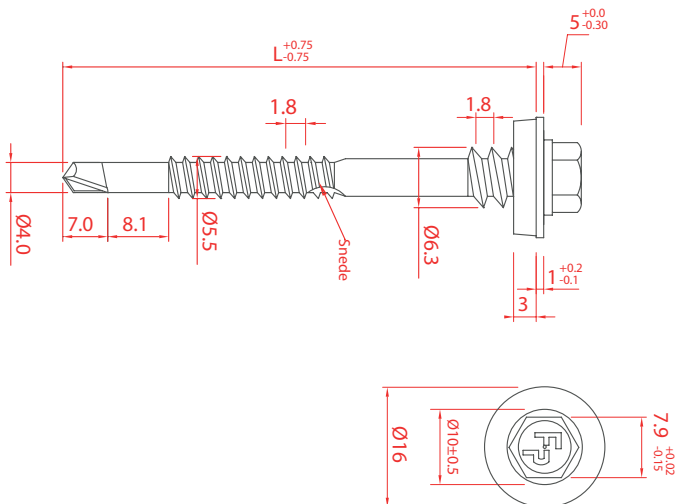
- 1 Head style 5/16" (8 mm)
- 2 Washer diameter standard 16 mm
- 3 SS EPDM bond seal
- 4 Support thread
- 5 Thread for substructure steel ≤ 1,5 mm
- 6 Drilling point 1



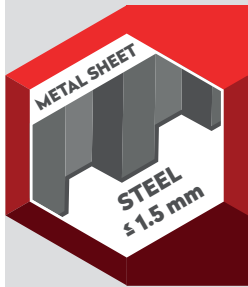
OPTIONS

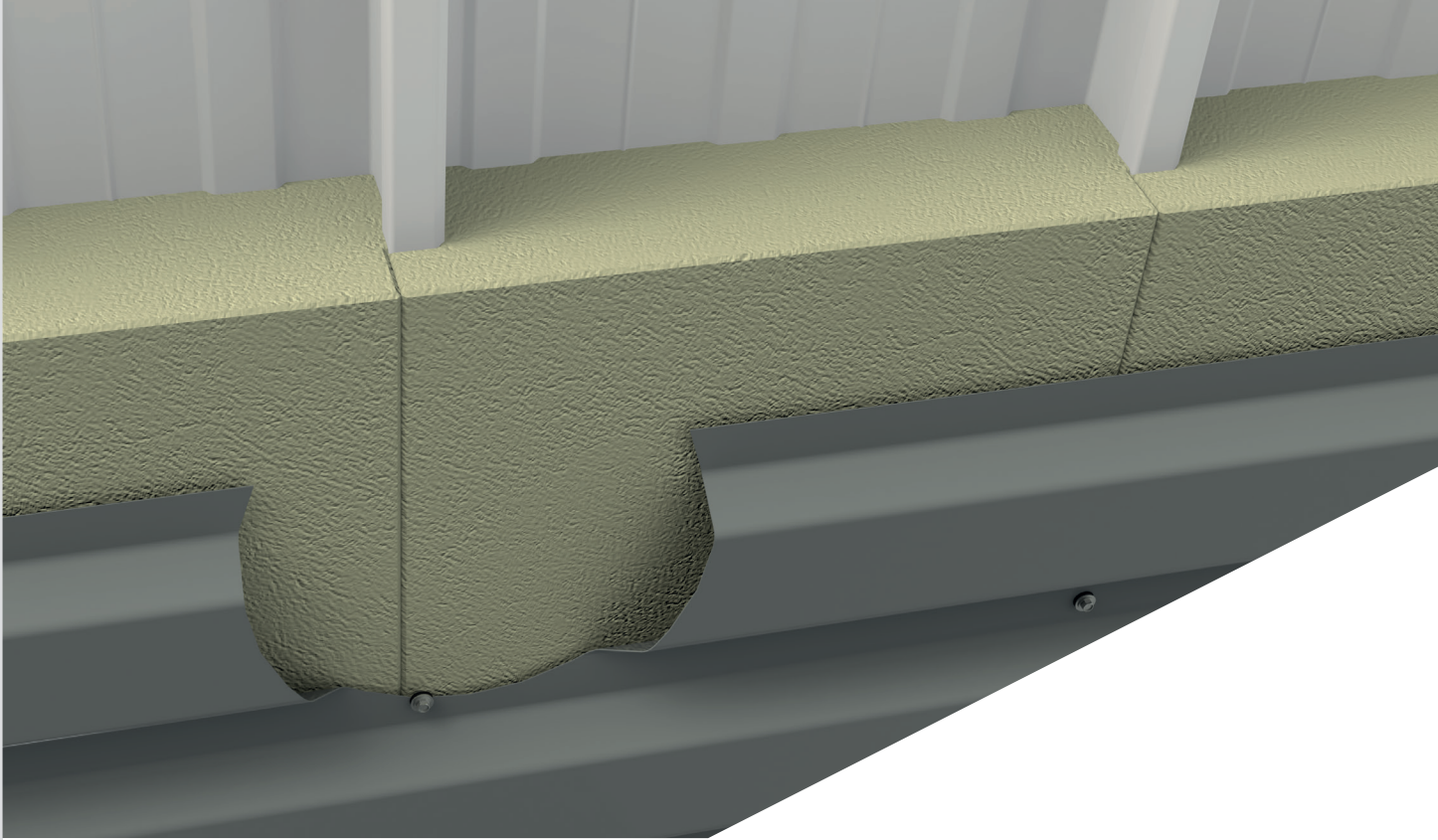
- 1 Powder coated in any desired RAL colour

SECTION



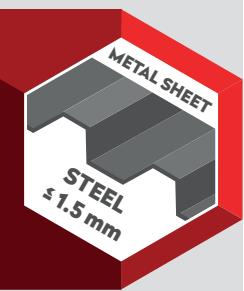
METAL SHEETS - STEEL ≤ 1,5 MM - BI-METAL A2 304





ORDER INFORMATION


Product	Insulation thickness	Inner box	Size (L)	Packaging	Article code
Self-Drilling spacer Screw 5,5/6,3 x 75	130 mm	90 mm	75 mm	100 pcs/box	2001005513016
Self-Drilling spacer Screw 5,5/6,3 x 95	150 mm	90 mm	95 mm	100 pcs/box	2001005515016




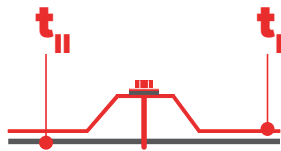
More information on materials, application, specific properties and certification can be found in chapter 10.


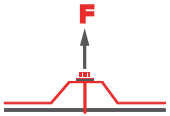
SELF-DRILLING SPACER SCREW 5,5/6,3 X L, WASHER DIAMETER Ø 16,0 MM

Materials	
Screw	SS 1.4301 (A2) - conform EN3506
Washer	SS 1.4301 (A2) - conform EN3506
Material A (t_I)	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{II})	S235 conform EN 10025-2, S280GD, S320GD and S350GD conform EN 10346
Drilling capacity	Steel $\leq 1,5$ mm







		t_{NI} [mm]	t_{II} [mm]										
			0,40	0,50	0,55	0,63	0,75	0,88	1,00	1,13	1,25	1,50	2,00
 V_{Rk} [kN]	0,40	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,37	0,37
	0,50	0,37	0,67	0,67	0,67	0,67	0,67	0,67	0,67	0,67	0,67	0,67	0,67
	0,55	0,37	0,67	0,80	0,80	0,80	0,80	0,80	0,80	0,80	0,80	0,80	0,80
	0,63	0,37	0,67	0,80	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02	1,02
	0,75	0,37	0,67	0,80	1,02	1,34	1,34	1,34	1,34	1,34	1,34	1,34	1,34
	0,88	0,37	0,67	0,80	1,02	1,34	2,16	2,16	2,16	2,16	2,16	2,16	2,16
	1,00	0,37	0,67	0,80	1,02	1,34	2,16	2,16	2,16	2,16	2,16	2,16	2,16
	1,13	0,37	0,67	0,80	1,02	1,34	2,16	2,16	2,16	2,16	2,16	2,16	2,16
	1,25	0,37	0,67	0,80	1,02	1,34	2,16	2,16	2,16	2,16	2,16	2,16	2,16
 N_{Rk} [kN]	0,40	0,23	0,27	0,32	0,39	0,50	0,85	1,01	1,01	1,01	1,01	1,01	
	0,50	0,23	0,27	0,32	0,39	0,50	0,85	1,07	1,30	1,52	1,71	1,71	
	0,55	0,23	0,27	0,32	0,39	0,50	0,85	1,07	1,30	1,52	1,86	1,86	
	0,63	0,23	0,27	0,32	0,39	0,50	0,85	1,07	1,30	1,52	1,96	2,10	
	0,75	0,23	0,27	0,32	0,39	0,50	0,85	1,07	1,30	1,52	1,96	2,46	
	0,88	0,23	0,27	0,32	0,39	0,50	0,85	1,07	1,30	1,52	1,96	2,46	
	1,00	0,23	0,27	0,32	0,39	0,50	0,85	1,07	1,30	1,52	1,96	2,46	
	1,13	0,23	0,27	0,32	0,39	0,50	0,85	1,07	1,30	1,52	1,96	2,46	
	1,25	0,23	0,27	0,32	0,39	0,50	0,85	1,07	1,30	1,52	1,96	2,46	

Note

1. Above mentioned values are characteristic values.
2. To determine the design value we advise to apply a material factor of $\gamma_m = 1,33$.
3. You can find further information and calculation examples on page 10.1.7.

METAL SHEETS - STEEL $\leq 1,5$ MM - BI-METAL A2 304

