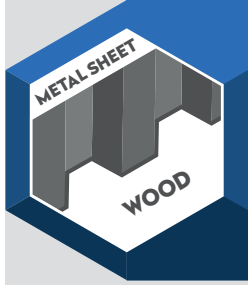
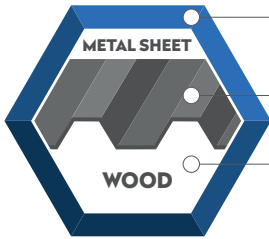




SELF-DRILL METAL TILE SHEET SCREW DP1



APPLICATION



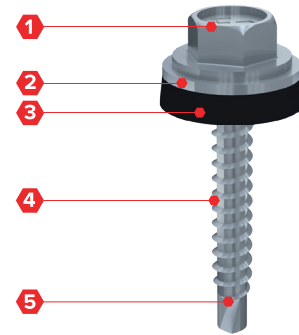
Galvanised

Metal sheet Screw

Wood

SPECIFICATION

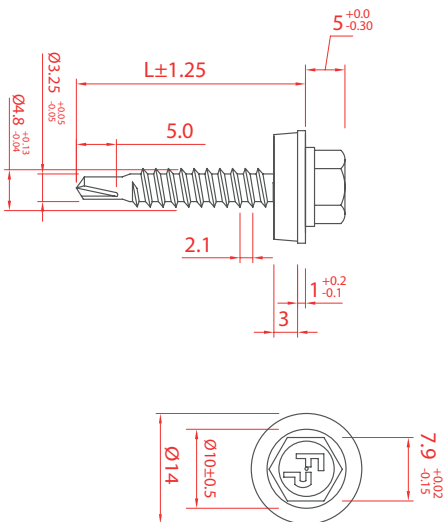
- 1 Head style 5/16" (8 mm)
- 2 Washer diameter standard 14 mm
- 3 Galvanised EPDM bond seal
- 4 Thread for substructure wood
- 5 Drilling point 1



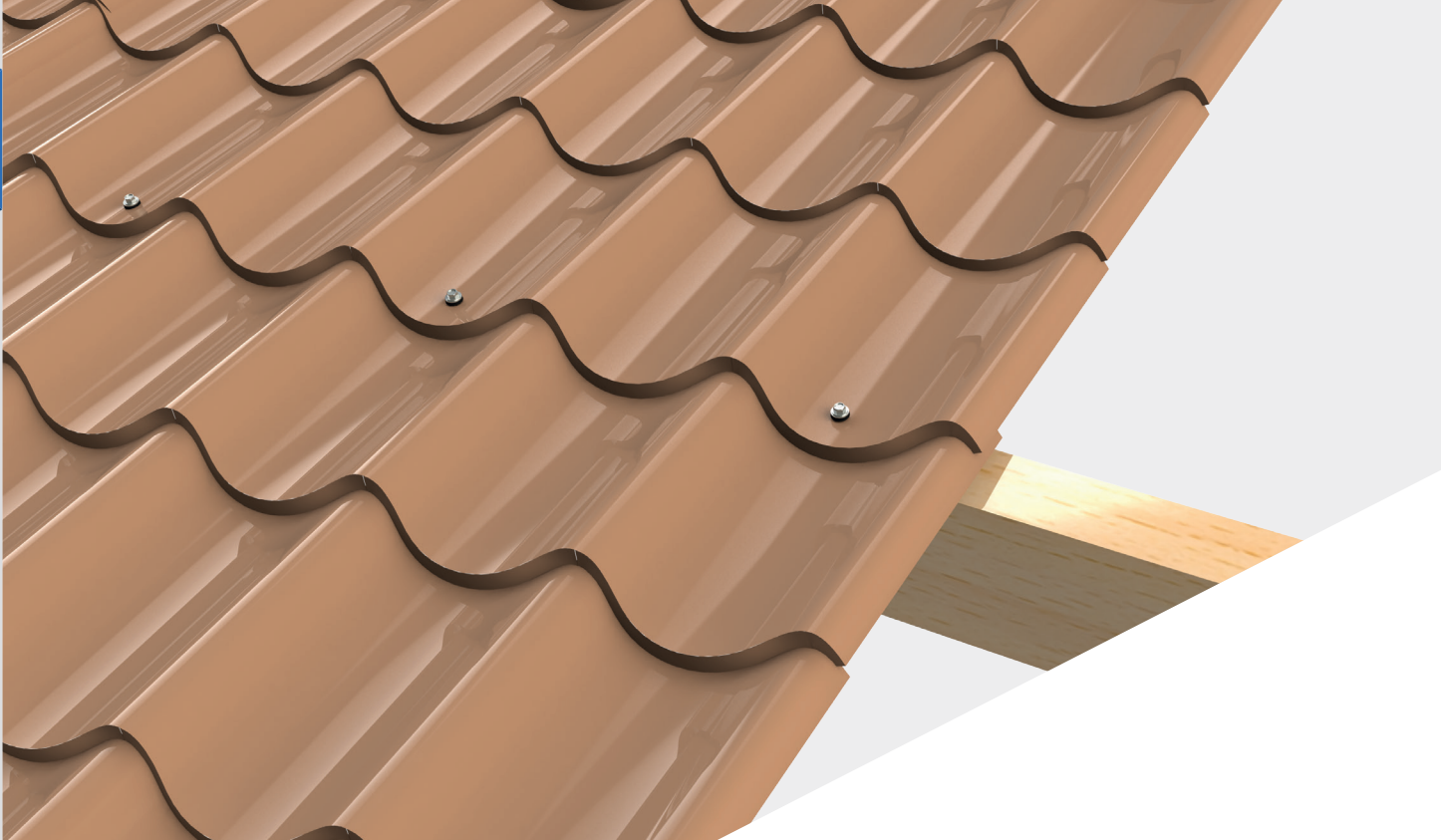
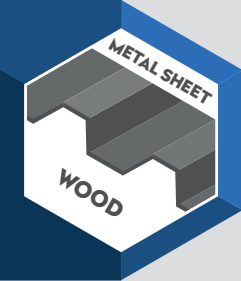
OPTIONS

- 1 Powder coated in any desired RAL colour
- 2 Washer diameter 16 or 19 mm

SECTION



METAL SHEETS - WOOD - GALVANISED



ORDER INFORMATION

Product	Size (L)	Packaging	Article code
Self-Drilling Metal Tile Sheet Screw 4,8 x 20 - DP1	20 mm	250 pcs/box	2004014802014
Self-Drilling Metal Tile Sheet Screw 4,8 x 28 - DP1	28 mm	250 pcs/box	2004014802814
Self-Drilling Metal Tile Sheet Screw 4,8 x 35 - DP1	35 mm	250 pcs/box	2004014803514
Self-Drilling Metal Tile Sheet Screw 4,8 x 50 - DP1	50 mm	150 pcs/box	2004014805014
Self-Drilling Metal Tile Sheet Screw 4,8 x 60 - DP1	60 mm	150 pcs/box	2004014806014
Self-Drilling Metal Tile Sheet Screw 4,8 x 80 - DP1	80 mm	100 pcs/box	2004014808014



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

CERTIFICATES





QUALITY
CONFIRMED

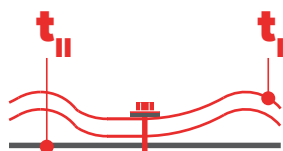


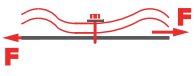
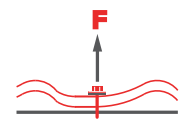
SELF-DRILLING METAL TILE SHEET SCREW 4,8 X L - DP1, WASHER DIAMETER Ø 14,0 MM

Materials	
Screw	Galvanised steel
Washer	Galvanised steel
Material A (t_I)	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{II})	Wood \geq C24 conform DIN EN 338
Drilling capacity	Wood \geq 30 mm



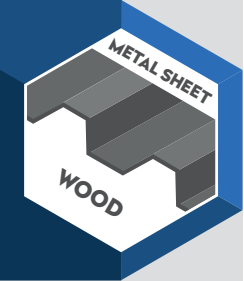




		t_{NI} [mm]	L_{eff} [mm]
			30
 $V_{R,k}$ [kN]	0,40	0,92	
	0,50	1,30	
	0,55	1,31	
	0,63	1,34	
	0,75	1,38	
	0,88	1,38	
	1,00	1,38	
	1,13	1,38	
	1,25	1,38	
 $N_{R,k}$ [kN]	0,40	1,26	
	0,50	1,87	
	0,55	1,87	
	0,63	1,87	
	0,75	1,87	
	0,88	1,87	
	1,00	1,87	
	1,13	1,87	
	1,25	1,87	



Note

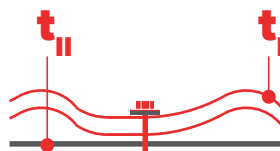
1. Above mentioned values are characteristic values.
2. To determine the design value we advise to apply a material factor of $\gamma_m = 1,33$.
3. You can find further information and calculation examples on page 10.1.7.

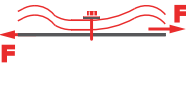
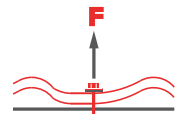


Fp SELF-DRILLING METAL TILE SHEET SCREW DP1

SELF-DRILLING METAL TILE SHEET SCREW 4,8 X L - DP1, WASHER DIAMETER Ø 16,0 MM

Materials		
Screw	Galvanised steel	 
Washer	Galvanised steel	
Material A (t_I)	S280GD, S320GD and S350GD conform EN 10346	
Material B (t_{II})	Wood ≥ C24 conform DIN EN 338	
Drilling capacity	Wood ≥ 30 mm	



		t _{Nt} [mm]	L _{eff} [mm]
			30
 V_{R,k} [kN]		0,40	0,92
		0,50	1,30
		0,55	1,31
		0,63	1,34
		0,75	1,38
		0,88	1,38
		1,00	1,38
		1,13	1,38
		1,25	1,38
 N_{R,k} [kN]		0,40	1,29
		0,50	1,87
		0,55	1,87
		0,63	1,87
		0,75	1,87
		0,88	1,87
		1,00	1,87
		1,13	1,87
		1,25	1,87


Note


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

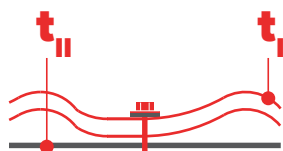


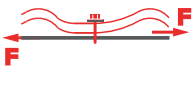
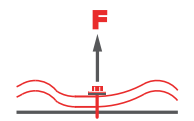
SELF-DRILLING METAL TILE SHEET SCREW 4,8 X L - DP1, WASHER DIAMETER Ø 19,0 MM

Materials	
Screw	Galvanised steel
Washer	Galvanised steel
Material A (t_I)	S280GD, S320GD and S350GD conform EN 10346
Material B (t_{II})	Wood \geq C24 conform DIN EN 338
Drilling capacity	Wood \geq 30 mm







		t_{NI} [mm]	L_{eff} [mm]
			30
 $V_{R,k}$ [kN]		0,40	0,92
		0,50	1,30
		0,55	1,31
		0,63	1,34
		0,75	1,38
		0,88	1,38
		1,00	1,38
		1,13	1,38
		1,25	1,38
 $N_{R,k}$ [kN]		0,40	1,42
		0,50	1,87
		0,55	1,87
		0,63	1,87
		0,75	1,87
		0,88	1,87
		1,00	1,87
		1,13	1,87
		1,25	1,87

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.

