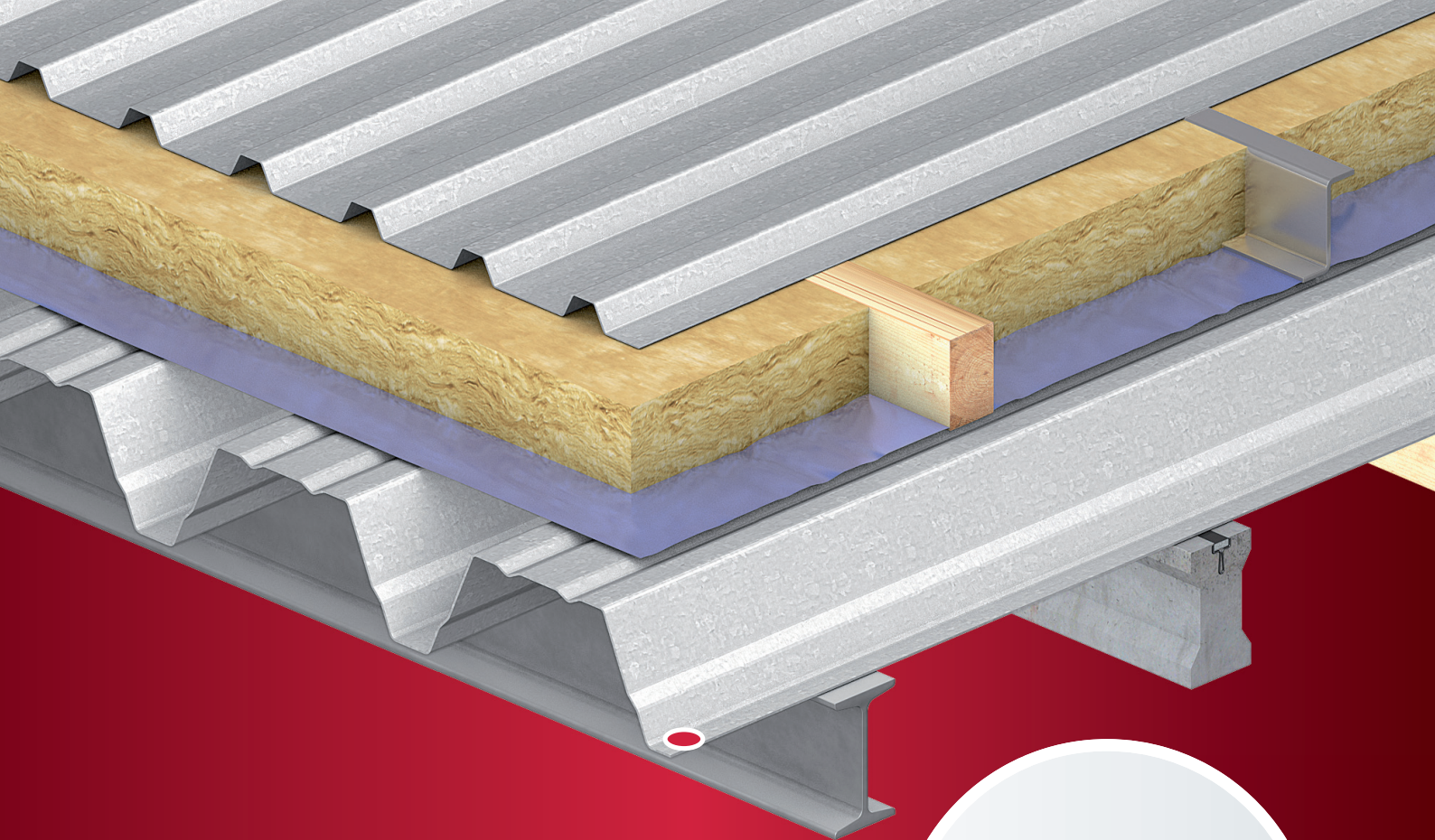




EJOT® SAPHIR self-drilling screw JT2-3H-5.5

Side lap stitching of profiled steel sheet

Self-drilling screws JF2/JT2

Case-hardened steel, zinc-plated



EJOT® SAPHIR self-drilling screw JT2-3H-5.5

Ø [mm]	Length [mm]	Clamp thickness [mm]	PU	Price/100 [EUR]	Order description	Article number
Sealing washer V16, Ø 16 mm						
5.5	19	3	500		JT2-3H-5.5x19-V16	3 598 221 634
5.5	25	9	500		JT2-3H-5.5x25-V16	3 598 421 634

Application area

- Side lap stitching of profiled steel sheet
- Fastening profiled steel sheet to 1–2.5 mm steel substructure

Properties

- Case-hardened steel, zinc-plated
- Steel sealing washer, zinc-plated
- Pre-assembled sealing washer
- With free spin zone under screw head for side lap stitching

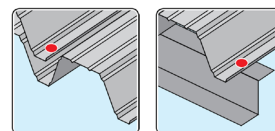
Technical Data

Drilling capacity $t_1 + t_2$	1.5 + 1.5 mm
Drive	Hexagon AF8

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Minimum tensile strength	
Ø mm	kN
5.5	10.0

Minimum shear strength	
Ø mm	kN
5.5	7.5



Approval

ETA-10/0200

Cross reference

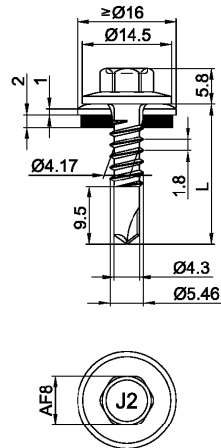
Accessories
Metal screwdriver SCS 6.3

Note

See relevant annexes of European technical approvals at the following pages.

Please download complete European technical approvals at our website:

www.bau.ejot.com



Materials

Fastener: carbon steel
case hardened and galvanized

Washer: carbon steel, galvanized
stainless Steel (1.4301) - EN 10088

Component I: S280GD, S320GD or S350GD - EN 10346

Component II: S235 - EN 10025-1
S280GD, S320GD or S350GD - EN 10346

Drilling capacity $\Sigma t_i \leq 3,50 \text{ mm}$

Timber substructures

no performance determined

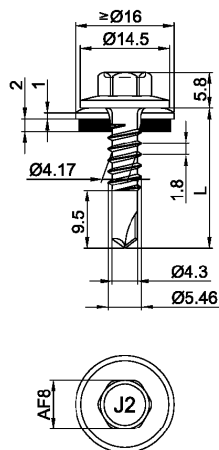
$t_{N,II}$ [mm]	1,00	1,13	1,25	1,50	2,00	2,50	3,00	4,00
$M_{t,nom}$	5 Nm							
$V_{R,k}$ [kN] for $t_{N,II}$ [mm]	0,50	—	—	—	—	—	—	—
	0,55	—	—	—	—	—	—	—
	0,63	1,40	—	1,50	—	1,60	ac	—
	0,75	1,80	—	1,90	—	2,00	ac	—
	0,88	2,20	—	2,30	—	2,40	ac	—
	1,00	2,60	—	2,80	—	3,00	ac	—
	1,13	3,00	—	3,10	—	3,20	ac	—
	1,25	3,50	—	3,70	—	3,90	ac	—
	1,50	4,30	—	4,60	—	4,90	ac	—
	1,75	4,30	—	4,60	—	4,90	ac	—
	2,00	4,30	—	4,60	—	4,90	ac	—
$N_{R,k}$ [kN] for $t_{N,II}$ [mm]	0,50	0,70	—	0,81	—	0,97	ac	—
	0,55	0,89	—	1,02	—	1,23	ac	—
	0,63	1,30	—	1,50	—	1,80	ac	—
	0,75	1,30	—	1,50	—	1,80	ac	—
	0,88	1,30	—	1,50	—	1,80	ac	—
	1,00	1,30	—	1,50	—	1,80	ac	—
	1,13	1,30	—	1,50	—	1,80	ac	—
	1,25	1,30	—	1,50	—	1,80	ac	—
	1,50	1,30	—	1,50	—	1,80	ac	—
	1,75	1,30	—	1,50	—	1,80	ac	—
	2,00	1,30	—	1,50	—	1,80	ac	—

Self drilling screw

JT2-3H-5,5 x L

with undercut, hexagon head and sealing washer $\geq \text{Ø}16 \text{ mm}$

Annex 11



Materials

Fastener: carbon steel
case hardened and galvanized

Washer: carbon steel, galvanized
stainless Steel (1.4301) - EN 10088

Component I: S280GD, S320GD or S350GD - EN 10346

Component II: S280GD, S320GD or S350GD - EN 10346

Drilling capacity $\Sigma t_i \leq 3,50 \text{ mm}$

Timber substructures

no performance determined

$t_{N,II}$ [mm]	2 x 0,63	2 x 0,75	2 x 0,88	2 x 1,00	2 x 1,13	2 x 1,25	2 x 1,50	2 x 1,75
$M_{t,nom}$	—	5 Nm						—
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	—	—	—
	0,55	—	—	—	—	—	—	—
	0,63	—	—	—	—	—	—	—
	0,75	—	—	—	—	—	—	—
	0,88	—	—	—	—	—	—	—
	1,00	—	—	—	—	—	—	—
	1,13	—	—	—	—	—	—	—
	1,25	—	—	—	—	—	—	—
	1,50	—	—	—	—	—	—	—
	1,75	—	—	—	—	—	—	—
	2,00	—	—	—	—	—	—	—
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	—	—	—	—	—
	0,55	—	—	—	—	—	—	—
	0,63	—	—	—	—	—	—	—
	0,75	—	—	—	—	—	—	—
	0,88	—	—	—	—	—	—	—
	1,00	—	—	—	—	—	—	—
	1,13	—	—	—	—	—	—	—
	1,25	—	—	—	—	—	—	—
	1,50	—	—	—	—	—	—	—
	1,75	—	—	—	—	—	—	—
	2,00	—	—	—	—	—	—	—

Self drilling screw

JT2-3H-5,5 x L

with undercut, hexagon head and sealing washer $\geq \text{Ø}16 \text{ mm}$

Annex 12