

PRODUCT DATA SHEET

TERRASSOTEC ZK A2

PRODUCT DESCRIPTION

The Terrasotec cylinder head A2 is used in deck construction for fastening-decking boards on a wooden substructure.

MATERIAL

Stainless steel A2:

- Acid-resistant under certain circumstances
- Essentially corrosion-resistant
- Not suitable for chlorinated atmospheres
- Can be used in service classes 1, 2 and 3
- Not suitable for woods containing high levels of tannin, such as cumarú, oak, merbau, robinia, etc.



CERTIFICATION

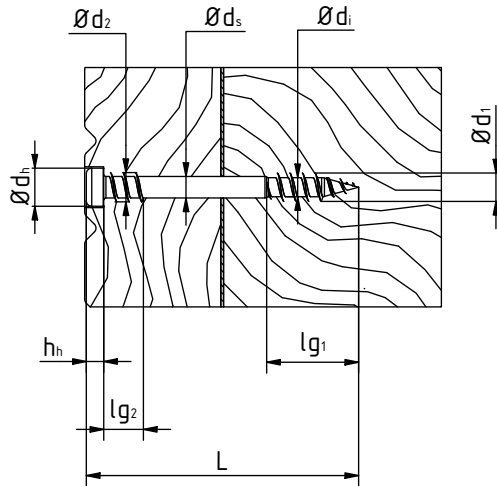
- European Technical Assessment ETA-11/0024
Self-tapping screws as wood connectors



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TECHNICAL INFORMATION



Terrasotec ZK A2

Nominal- \varnothing	Under-head thread- \varnothing	Thread length Under-head thread	Head- \varnothing	Root- \varnothing	Shaft- \varnothing	Head height	Head shape	char. tensile capacity ¹⁾	char. yield moment ¹⁾	char. withdrawal parameter ¹⁾	char. Head pull-through parameter ¹⁾	char. torsional strength ¹⁾
d_1 [mm]	d_2 [mm]	l_{g_2} [mm]	d_h [mm]	d_r [mm]	d_s [mm]	h_h [mm]	—	$f_{tens,k}$ [kN]	$M_{y,k}$ [Nm]	$f_{ax,k}$ [N/mm ²]	$f_{head,k}$ [N/mm ²]	$f_{tor,k}$ [Nm]
5,3	5,45	8,00	7,0	3,5	3,95	3,2	ZK	4,5	2,4	11,4	10,0	4,3

1) The values have been taken from ETA 11/0024 and DoP. We cannot guarantee that there are no typographical or printing errors and therefore recommend that you check the documents mentioned above.

PRODUCT TABLE

Terrasotec ZK A2

Art. no.	Dimensions $\varnothing d \times L$ [mm]	Thread length l_{g_1} [mm]	Drive	PU
975555	5,3 x 60	24,0	TX25 •	250
B975555	5,3 x 60	24,0	TX25 •	250
B975554	5,3 x 50	17,0	TX25 •	250

If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (Technik@eurotec.team).