

KKZ EVO C5



COUNTERSUNK CYLINDRICAL HEAD SCREW

C5 ATMOSPHERIC CORROSIVITY

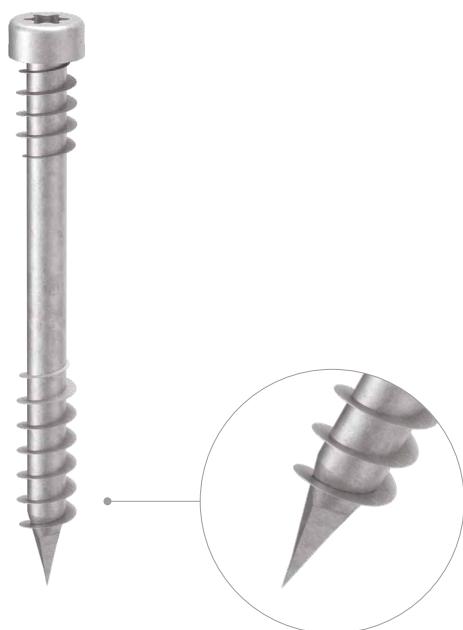
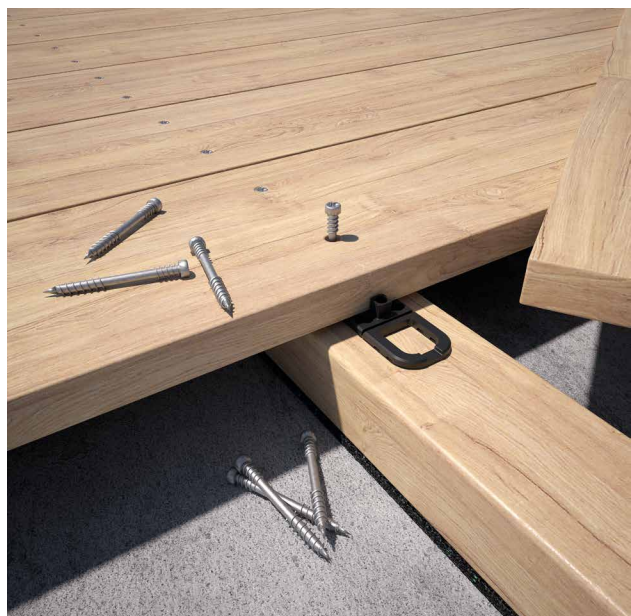
Multi-layer coating capable of withstanding outdoor environments classified C5 according to ISO 9223. Salt Spray Test (SST) with exposure time greater than 3000 h carried out on screws previously screwed and unscrewed in Douglas fir timber.

DOUBLE THREAD

The larger diameter right-hand under-head thread ensures an effective grip, guaranteeing good coupling of the wooden elements. Concealed head.

HARD WOODS

Special tip with sword-shaped geometry specially designed to efficiently drill very high density woods without pre-drill density up to 1000 kg/m^3 | $G = 1.20$.



DIAMETER [in]

0.14 ☐ 0.20 ☒ 0.32

LENGTH [in]

13/16 ☐ 115/16 ☒ 2 3/4 ☐ 12 5/8

EXPOSURE CONDITION

☒ EC1 ☒ EC2 ☒ EC3

ATMOSPHERIC CORROSIVITY

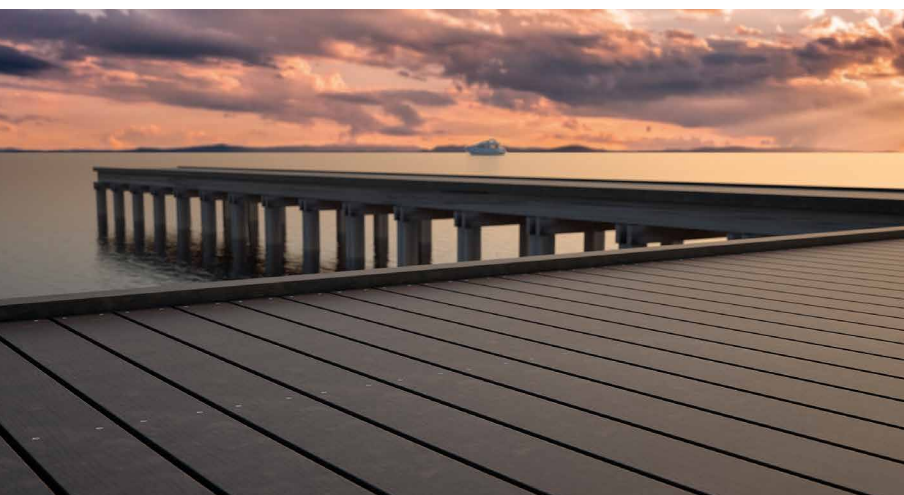
☐ C1 ☐ C2 ☐ C3 ☐ C4 ☒ C5

WOOD CORROSIVITY

☐ T1 ☐ T2 ☐ T3 ☐ T4

MATERIAL

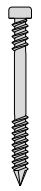
C5 EVO COATING carbon steel with C5 EVO coating with very high corrosion resistance



FIELDS OF USE

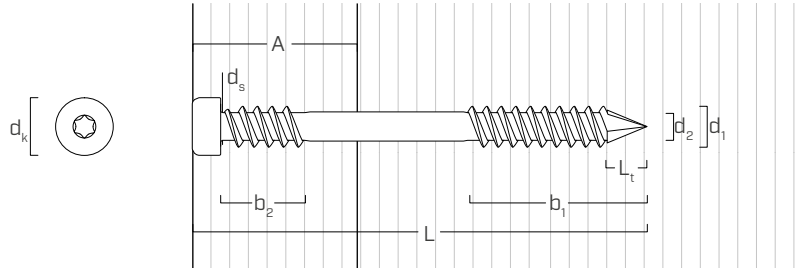
Use in aggressive outdoor environments. Wooden boards with density of $< 780 \text{ kg/m}^3$ [$G = 0.90$] (without pre-drill) and $< 1240 \text{ kg/m}^3$ [$G = 1.55$] (with pre-drill). WPC boards (with pre-drill).

CODES AND DIMENSIONS



d ₁	CODE	L		b ₁		b ₂		A	pcs
[mm] [in]		[mm]	[in]	[mm]	[in]	[mm]	[in]	[in]	
5 0.20 #11 TX 20	KKZEVO550C5	50	1 15/16	22	7/8	11	7/16	1 1/8	200
	KKZEVO560C5	60	2 3/8	27	1 1/16	11	7/16	1 5/16	200
	KKZEVO570C5	70	2 3/4	32	1 1/4	11	7/16	1 1/2	100

GEOMETRY



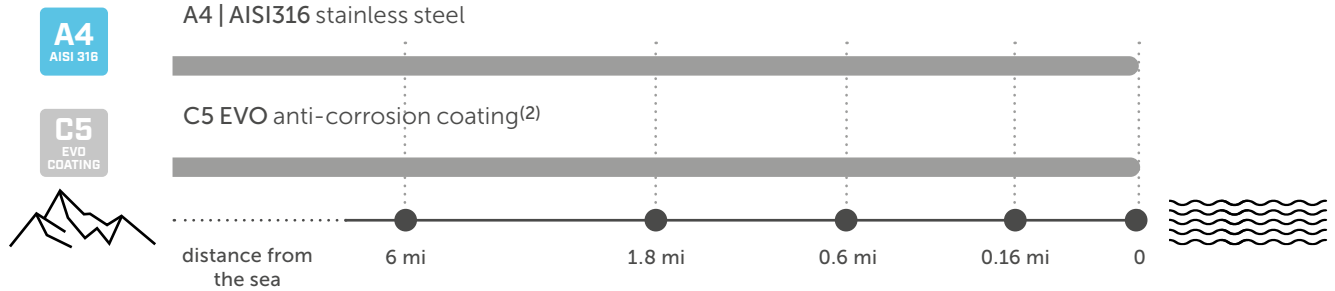
Nominal diameter	d ₁	[in] ⁽¹⁾	0.20
Outer thread diameter	d ₁	[mm]	5
		[in]	0.197
Head diameter	d _k	[in]	0.268
Root diameter	d ₂	[in]	0.118
Shank diameter	d ₃	[in]	0.171
Tip Length	L _t	[in]	0.197
Pre-drilling hole diameter ⁽²⁾	d _v	[in]	9/64

⁽¹⁾The nominal diameter of the screw is converted into imperial units and rounded up to the nearest decimal point.

⁽²⁾For high density materials, pre-drilled holes are recommended based on the wood species.

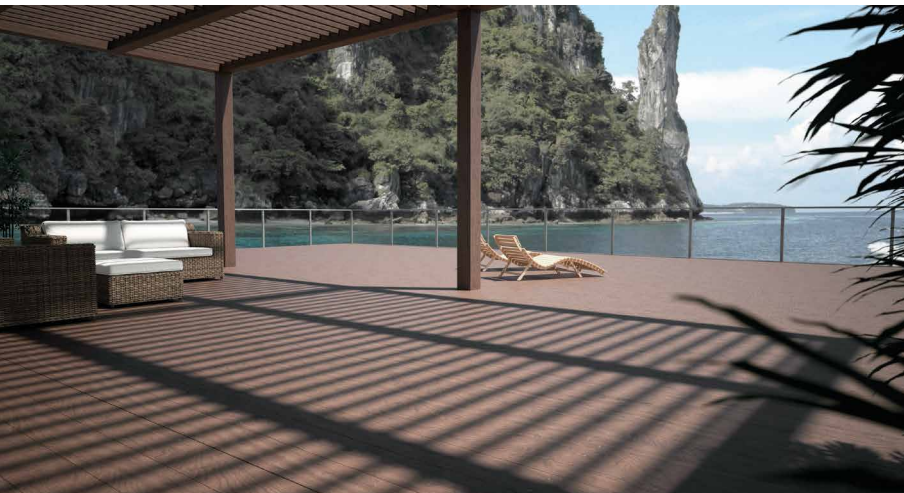
DISTANCE FROM THE SEA

RESISTANCE TO CHLORIDE EXPOSURE⁽¹⁾



⁽¹⁾C5 is defined according to EN 14592:2022 based on EN ISO 9223.

⁽²⁾EN 14592:2022 currently limits the service life of alternative coatings to 15 years.



MAXIMUM STRENGTH

It ensures high mechanical performance even in the presence of very adverse environmental and wood corrosive conditions.