

KKZ EVO C5

COUNTERSUNK CYLINDRICAL HEAD SCREW



C5 ATMOSPHERIC CORROSIVITY

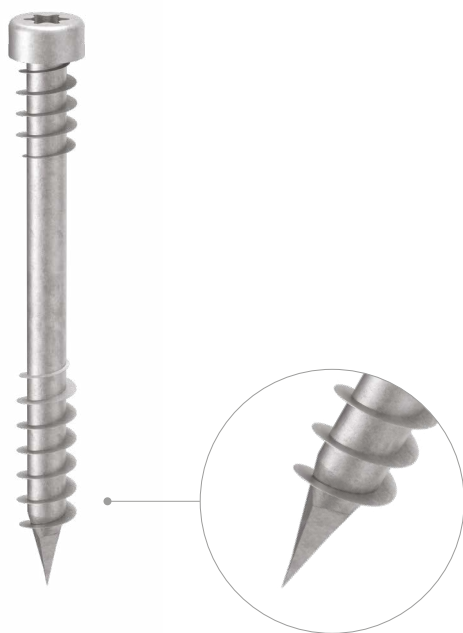
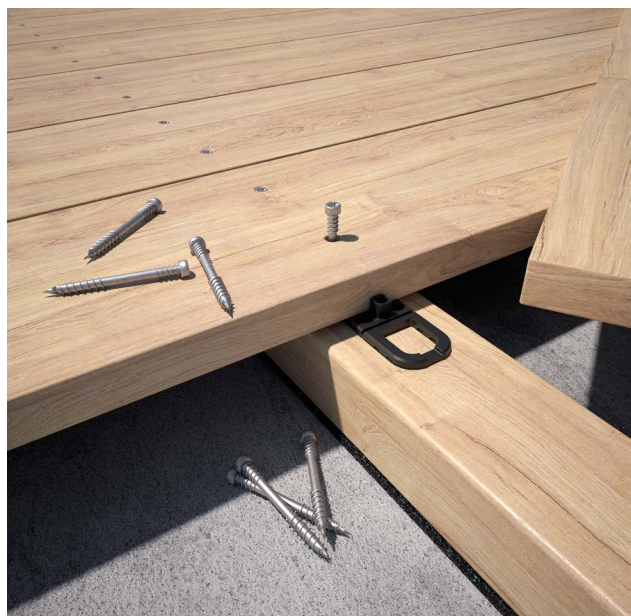
Multi-layer coating capable of withstanding outdoor environments classified C5 according to ISO 9223. Salt Spray Test (SST) with exposure time greater than 3000 h carried out on screws previously screwed and unscrewed in Douglas fir timber.

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 (with pre-drill, over 1000 kg/m³).



DIAMETER [mm]

3,5 8

LENGTH [mm]

20 320

SERVICE CLASS

☒ SC1 ☒ SC2 ☒ SC3

ATMOSPHERIC CORROSIVITY

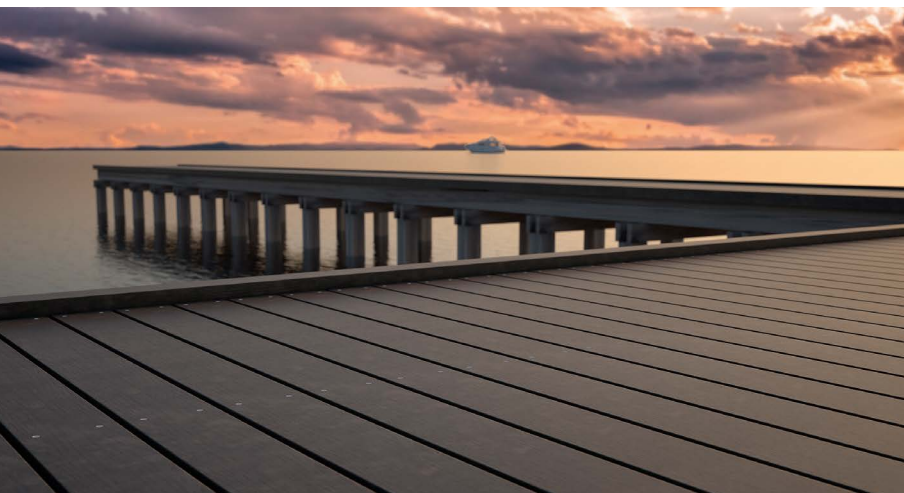
☒ C1 ☒ C2 ☒ C3 ☒ C4 ☒ C5

WOOD CORROSIVITY

☒ T1 ☒ T2 ☒ T3 ☒ T4

MATERIAL

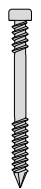
C5 EVO COATING carbon steel with C5 EVO coating with very high corrosion resistance



FIELDS OF USE

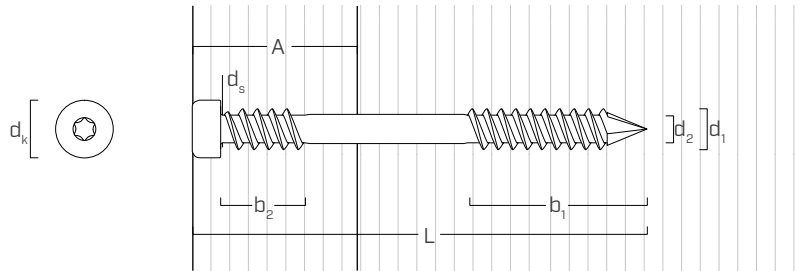
Use in aggressive outdoor environments. Wooden boards with density of < 780 kg/m³ (without pre-drill) and < 1240 kg/m³ (with pre-drill). WPC boards (with pre-drill).

CODES AND DIMENSIONS



d_1 [mm]	CODE	L [mm]	b_1 [mm]	b_2 [mm]	A [mm]	pcs
5 TX 25	KKZEVO550C5	50	22	11	28	200
	KKZEVO560C5	60	27	11	33	200
	KKZEVO570C5	70	32	11	38	100

GEOMETRY AND MECHANICAL CHARACTERISTICS



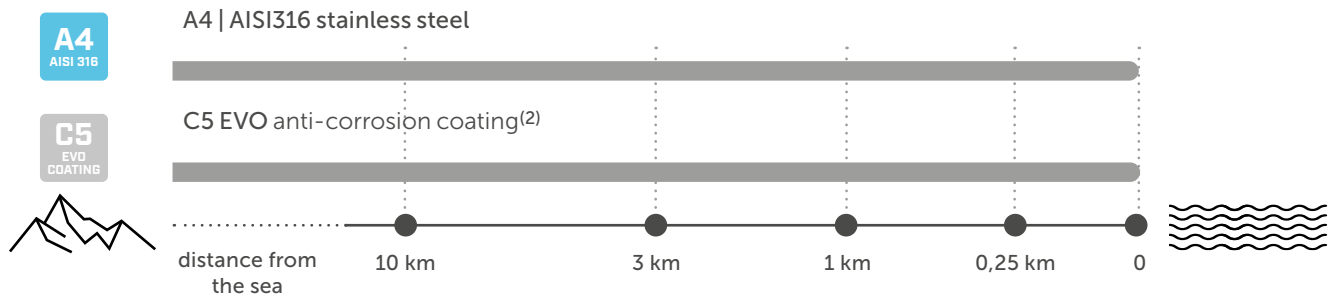
GEOMETRY

Nominal diameter	d_1	[mm]	5
Head diameter	d_k	[mm]	6,80
Thread diameter	d_2	[mm]	3,50
Shank diameter	d_s	[mm]	4,35
Pre-drilling hole diameter ⁽¹⁾	d_v	[mm]	3,5

⁽¹⁾ For high density materials, pre-drilled holes are recommended based on the wood species.

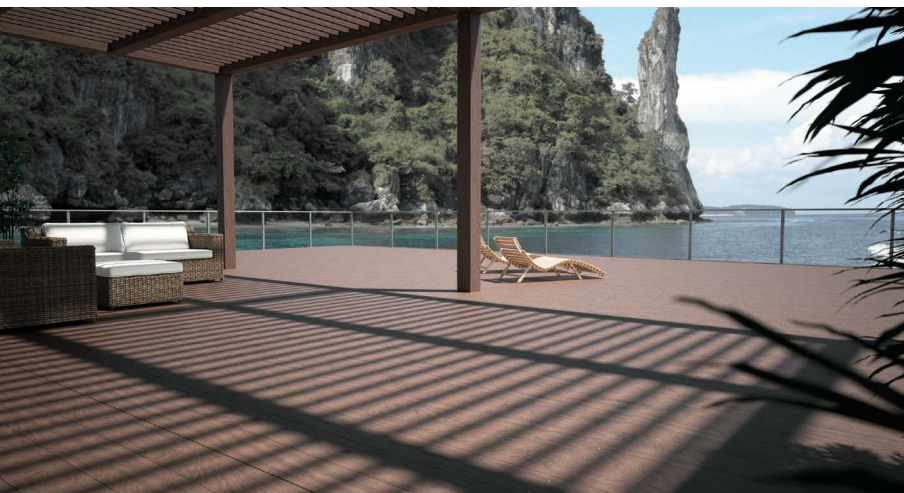
DISTANCE FROM THE SEA

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.