

# KKZ EVO C5



## COUNTERSUNK CYLINDRICAL HEAD SCREW

### C5 ATMOSPHERIC CORROSIVITY

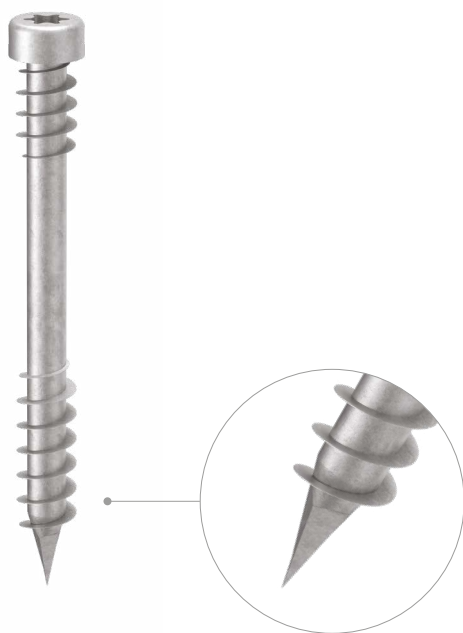
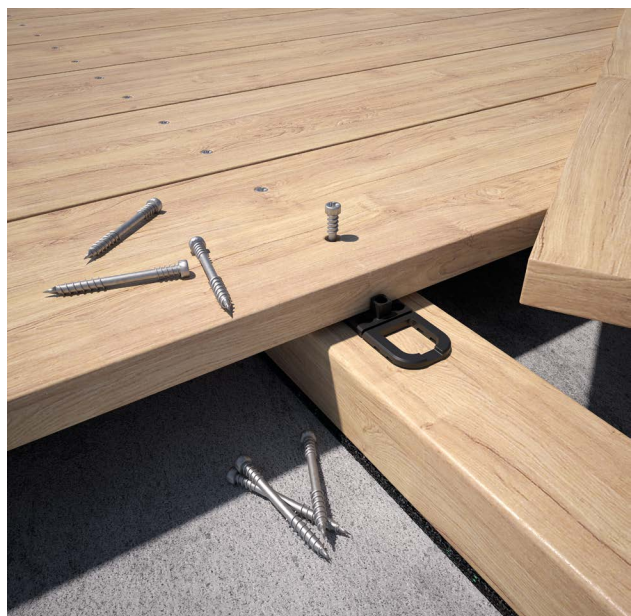
Multi-layer coating capable of withstanding outdoor environments classified C5 according to ISO 9223. Salt Spray Test (SST) with exposure time greater than 3000 h carried out on screws previously screwed and unscrewed in Douglas fir timber.

### 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/m<sup>3</sup>).



#### DIAMETER [mm]

3,5  8

#### LENGTH [mm]

20   320

#### SERVICE CLASS

☒ SC1 ☒ SC2 ☒ SC3

#### ATMOSPHERIC CORROSIVITY

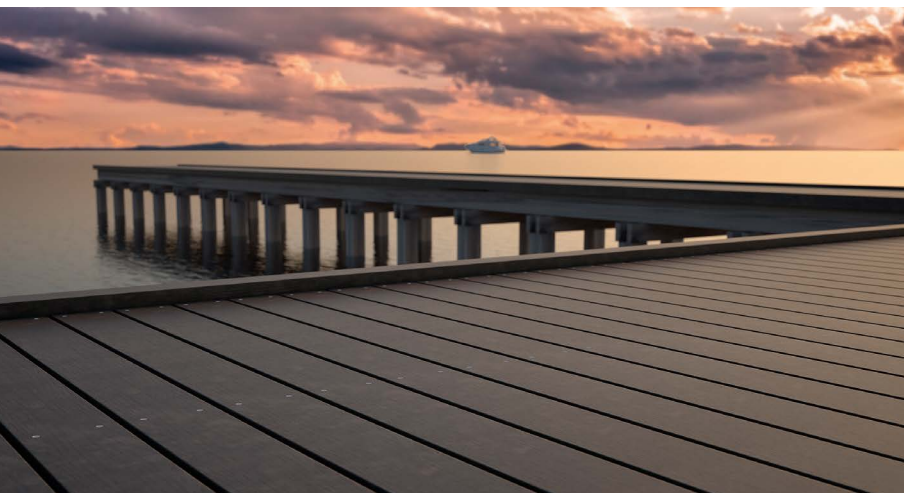
☒ C1 ☒ C2 ☒ C3 ☒ C4 ☒ C5

#### WOOD CORROSIVITY

☒ T1 ☒ T2 ☒ T3 ☒ T4

#### MATERIAL

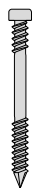
**C5**  
EVO  
COATING carbon steel with C5 EVO coating with very high corrosion resistance



## FIELDS OF USE

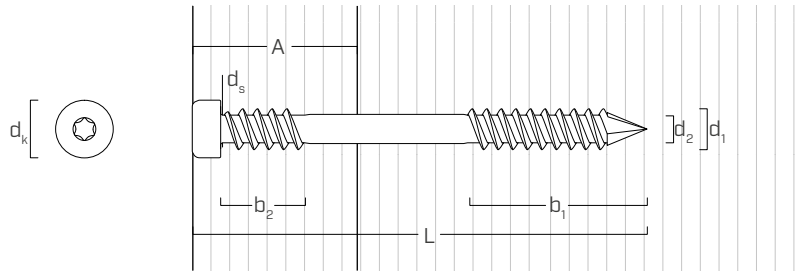
Use in aggressive outdoor environments. Wooden boards with density of < 780 kg/m<sup>3</sup> (without pre-drill) and < 1240 kg/m<sup>3</sup> (with pre-drill). WPC boards (with pre-drill).

## 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



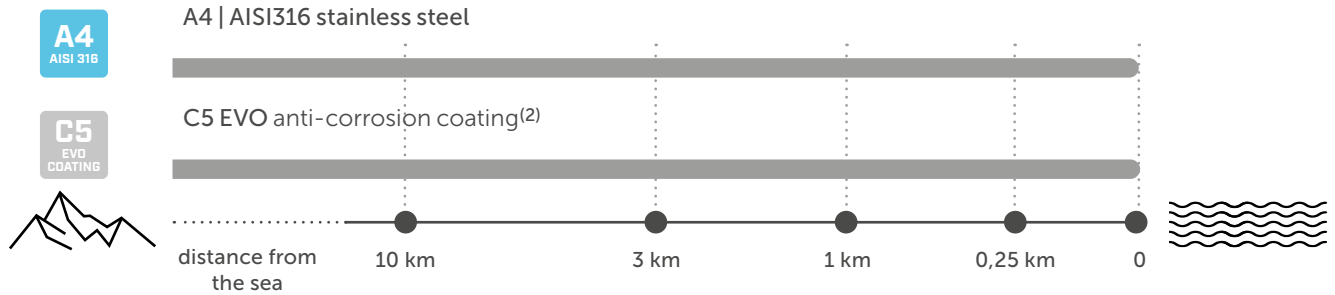
### GEOMETRY

Nominal diameter	$d_1$	[mm]	5
Head diameter	$d_k$	[mm]	6,80
Thread diameter	$d_2$	[mm]	3,50
Shank diameter	$d_3$	[mm]	4,35
Pre-drilling hole diameter <sup>(1)</sup>	$d_v$	[mm]	3,5

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

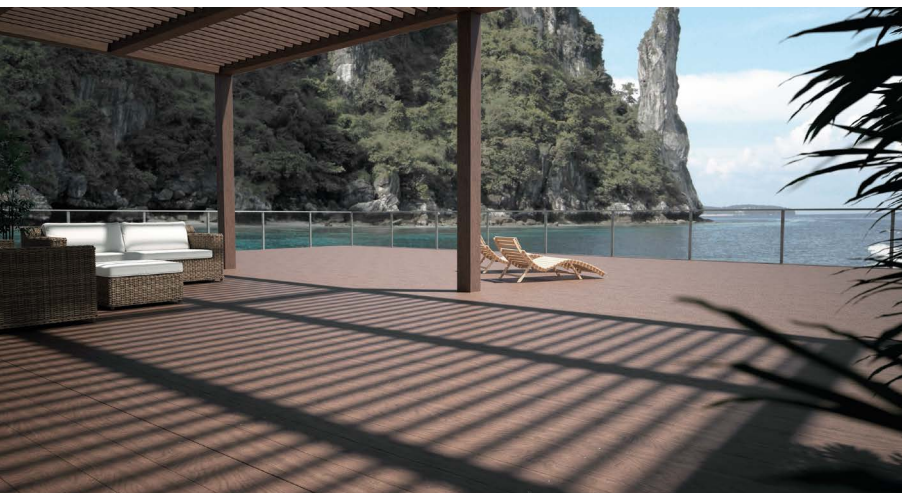
## DISTANCE FROM THE SEA

### RESISTANCE TO CHLORIDE EXPOSURE<sup>(1)</sup>



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

<sup>(2)</sup> 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.