

DECLARATION OF PERFORMANCE

No. SWS-009000-1



SENCO WoodConstruction Screws WCS, Zinc Plated

Intended use or uses of the construction product according to ETA-17/0851 of 26-10-2017, based on EAD 130118-00-0603	
Generic type	Self-tapping Screws for timber constructions
Material	Carbon steel
Durability	Service class 2 acc. Eurocode EN 1995-1-1:2004
Surface coating	Type 1 & 2
Fire Reaction	A1 according to EN13501-1
Under AVCP System	3

Declared performances according to ETA 17/0851 of 26-10-2017						
Essential Characteristics			Performance			
Nominal diameter (d)		[mm]	6,0 mm	8,0 mm	10,0 mm	12,0 mm
d_h	Head Diameter, Countersunk Head (CH)	[mm]	11,5	14,0	18,0	19,0
d_h	Head Diameter, Flange Head (FH)	[mm]	13,0	20,0	23,0	- ¹⁾
d_1	Inner thread diameter	[mm]	4,0	5,3	6,2	7,1
$M_{y,k}$ ($M_{y,Rk}$)	Characteristic Yield Moment	[Nm]	9,5	20,0	36,0	50,0
$f_{ax,k}$	Characteristic Withdrawal parameter ($\rho_a = 350 \text{ kg/m}^3$)	[N/mm ²]	11,0	11,0	10,0	10,0
$f_{head,k}$	Characteristic head pull-through parameter ($\rho_a = 350 \text{ kg/m}^3$)	[N/mm ²]	14,0	14,0	9,4	9,4
$f_{tens,k}$	Characteristic tensile capacity	[kN]	11,0	20,0	32,0	38,0
$f_{tor,k}$	Characteristic torsional strength	[Nm]	11,0	20,0	44,0	65,0
$f_{tor,k} / R_{tor,k}$	Torsional ratio ($\rho_a = 350 \text{ kg/m}^3$)	[-]	> 1,5			
Durability			Zinc Plated 5 μm , Service Class 2 acc. Eurocode 1992-1-1			

¹⁾ Flange Head is not available in Nominal diameter 12,0 mm

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of Kyocera Senco Netherlands B.V by:

Place and date of issue: Lelystad, 01-02-2019



Lars Aa. Mortensen
Technical Manager, KYOCERA SENCO EMEA

KYOCERA SENCO Netherlands B.V.