Declaration of performance

Wood screw Wafer (external)

V/S/B

25600

Applications: Wood screw Wafer (external) is intended for load-bearing wood constructions and assembly of various wood applications.

CE

Manufacturer:
Västsvensk Byggskruv AB
Vävlagargatan 7, SE-507 30 Brämhult
+46 33-23 03 03
vsbyggskruv.se

Type testing: RISE (Research Institutes of Sweden AB) NB 0402, has performed initial type testing, according to the harmonized standard SS-EN14592: 2008+A1:2012; Wood constructions - Dowel-type fasteners made of steel. System of assessment and continuous monitoring of performance: System 3.

PERFORMANCE

ESSENTIAL CAPACITY	PERFORMANCE			REPORT
	6,0 mm	8,0 mm	10,0 mm	
Characteristic yield moment $M_{y,k}$ (Nmm)	8 450	24 580	37 840	RISE 124747 2021.04.06
Characteristic withdrawal parameter $f_{ax,k}$ (N/mm²) in wood with characteristic density 350 Kg/m³	14,0	10,5	13,1	SP PX24282 2013.05.06 SP 4P08711 Rev1 2017.01.17 RISE 7P02786 2017.04.25 RISE 8P02250 2018.03.19
Characteristic head pull-through parameter $f_{head,k}$ (N/mm²) in wood with characteristic density 350 Kg/m³	25,4	17,1	16,3	SP PX24282 2013.05.06 RISE 7P02786 2017.04.25
Characteristic tensile capacity $f_{tens,k}$ (kN)	11,1	23,0	34,4	RISE 124747 2021.04.06
Characteristic torsional ratio $f_{tor,k}$ /$R_{tor,k}$ in wood with characteristic density 350 Kg/m³	3,1	3,7	3,7	SP PX24282 2013.05.06 SP 4P08711 Rev1 2017.01.17 RISE 124747 2021.04.06
DURABILITY	Climate class 3 (according to EN 1995-1-1)			SP PX14769 2011.10.20

The performance of the product above is consistent with the specified performance. The declaration of performance has been issued in accordance with regulation (Eu) no. 305/2011 at the sole responsibility of the manufacturer specified above.

Brämhult 2021.11.18

Lars Helgesson
Quality manager

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All measurements in mm

Specifications **Wood screw Wafer (external)**

Item number	Name	Head diameter	Thread length	Inner diameter thread
8210100	Wood screw Wafer Jetting 10 x 100 EXT	17,00	60,00	5,65
8210120	Wood screw Wafer Jetting 10 x 120 EXT	17,00	72,00	5,65
8210140	Wood screw Wafer Jetting 10 x 140 EXT	17,00	72,00	5,65
8210160	Wood screw Wafer Jetting 10 x 160 EXT	17,00	72,00	5,65
821050	Wood screw Wafer Jetting 10 x 50 EXT	17,00	42,00	5,65
821060	Wood screw Wafer Jetting 10 x 60 EXT	17,00	42,00	5,65
821075	Wood screw Wafer Jetting 10 x 75 EXT	17,00	42,00	5,65
821090	Wood screw Wafer Jetting 10 x 90 EXT	17,00	48,00	5,65
828100	Wood screw Wafer Jetting 8 x 100 EXT	14,50	60,00	4,80
828120	Wood screw Wafer Jetting 8 x 120 EXT	14,50	72,00	4,80
82840	Wood screw Wafer Jetting 8 x 40 EXT	14,50	33,00	4,80
82850	Wood screw Wafer Jetting 8 x 50 EXT	14,50	36,00	4,80
82860	Wood screw Wafer Jetting 8 x 60 EXT	14,50	42,00	4,80
82875	Wood screw Wafer Jetting 8 x 75 EXT	14,50	42,00	4,80
82890	Wood screw Wafer Jetting 8 x 90 EXT	14,50	48,00	4,80
826100	Wood screw Wafer Jetting 6 x 100 EXT	12,20	60,00	3,42
82640	Wood screw Wafer Jetting 6 x 40 EXT	12,20	24,00	3,42
82650	Wood screw Wafer Jetting 6 x 50 EXT	12,20	36,00	3,42
82660	Wood screw Wafer Jetting 6 x 60 EXT	12,20	36,00	3,42
82675	Wood screw Wafer Jetting 6 x 75 EXT	12,20	42,00	3,42
82690	Wood screw Wafer Jetting 6 x 90 EXT	12,20	48,00	3,42