

# Declaration of performance

## Decking screw (external) for wood stud



**Applications:** Decking screw for wood constructions in pressure impregnated wood.

**Manufacturer:**  
Västsvensk Byggskruv AB  
Värlagargatan 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
	4,2 x 30– 4,2 x 57 mm	4,8 x 57 mm	4,8 x 75– 4,8 x 110 mm	
<b>Characteristic yield moment</b> $M_{y,k}$ (Nmm)	4 670	5 860	5 860	<b>RISE 124747</b> 2021.04.06
<b>Characteristic withdrawal parameter</b> $f_{ax,k}$ (N/mm <sup>2</sup> ) in wood with characteristic density 350 Kg/m <sup>3</sup>	13,8	9,6	13,3	<b>SP 4P05324</b> 2014.12.02 <b>SP 5P00622</b> 2015.01.26
<b>Characteristic head pull-through parameter</b> $f_{head,k}$ (N/mm <sup>2</sup> ) in wood with characteristic density 350 Kg/m <sup>3</sup>	16,8	12,6	12,6	<b>SP 4P05324</b> 2014.12.02
<b>Characteristic tensile capacity</b> $f_{tens,k}$ (kN)	7,0	8,4	8,4	<b>RISE 124747</b> 2021.04.06
<b>Characteristic torsional ratio</b> $f_{tor,k}/R_{tor,k}$ in wood with characteristic density 350 Kg/m <sup>3</sup>	5,1	4,5	4,5	<b>SP 4P05324</b> 2014.12.02 <b>RISE 124747</b> 2021.04.06
<b>DURABILITY</b>	Climate class 3 (according to EN 1995-1-1)			<b>SP PX14769</b> 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 2021.11.08

**Lars Helgesson**  
Quality manager

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All measurements in mm

### Specifications Decking screw (external) for wood stud

Item number	Name	Head diameter	Thread length	Inner diameter thread
930	Decking screw Wood Turbo 4,2x30 EXT	6,60	18,50	2,50
93000	Decking screw Wood Turbo 4,2x30 EXT	6,60	18,50	2,50
94100	Decking screw Wood Turbo 4,2x41 EXT	6,60	21,50	2,50
9419	Decking screw Wood Turbo 4,2x41 EXT	6,60	21,50	2,50
951	Decking screw Wood Turbo 4,2x51 EXT	6,60	21,50	2,50
95100	Decking screw Wood Turbo 4,2x51 EXT	6,60	21,50	2,50
957	Decking screw Wood Turbo 4,2x57 EXT	6,60	25,50	2,50
95700	Decking screw Wood Turbo 4,2x57 EXT	6,60	25,50	2,50
959	Decking screw Wood Turbo 4,8x57 EXT	7,50	25,50	2,90
95900	Decking screw Wood Turbo 4,8x57 EXT	7,50	25,50	2,90
975	Decking screw Wood Turbo 4,8x75 EXT	7,50	34,50	2,90
97500	Decking screw Wood Turbo 4,8x75 EXT	7,50	34,50	2,90
9841	Decking screw Wood Turbo 4,2x41 EXT	6,60	21,50	2,50
9857	Decking screw Wood Turbo 4,2x57 EXT	6,60	25,50	2,50
9875	Decking screw Wood Turbo 4,8x75 EXT	7,50	34,50	2,90
990	Decking screw Wood Turbo 4,8x90 EXT	7,50	41,00	2,90
9910	Decking screw Wood Turbo 4,8x110 EXT	7,50	49,00	2,90
P930	Decking screw Wood Turbo 4,2x30 EXT	6,60	18,50	2,50
P93000	Decking screw Wood Turbo 4,2x30 EXT	6,60	18,50	2,50
P94100	Decking screw Wood Turbo 4,2x41 EXT	6,60	21,50	2,50
P9419	Decking screw Wood Turbo 4,2x41 EXT	6,60	21,50	2,50
P951	Decking screw Wood Turbo 4,2x51 EXT	6,60	21,50	2,50
P95100	Decking screw Wood Turbo 4,2x51 EXT	6,60	21,50	2,50
P957	Decking screw Wood Turbo 4,2x57 EXT	6,60	25,50	2,50
P95700	Decking screw Wood Turbo 4,2x57 EXT	6,60	25,50	2,50
P959	Decking screw Wood Turbo 4,8x57 EXT	7,50	25,50	2,90
P95900	Decking screw Wood Turbo 4,8x57 EXT	7,50	25,50	2,90

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All measurements in mm

Item number	Name	Head diameter	Thread length	Inner diameter thread
P975	Decking screw Wood Turbo 4,8x75 EXT	7,50	34,50	2,90
P97500	Decking screw Wood Turbo 4,8x75 EXT	7,50	34,50	2,90
P990	Decking screw Wood Turbo 4,8x90 EXT	7,50	41,00	2,90
P9910	Decking screw Wood Turbo 4,8x110 EXT	7,50	49,00	2,90
A9419	Decking screw Wood Turbo 4,2x41 EXT	6,60	21,50	2,50
A9579	Decking screw Wood Turbo 4,2x57 EXT	6,60	25,50	2,50
A959	Decking screw Wood Turbo 4,8x57 EXT	7,50	25,50	2,90
A9759	Decking screw Wood Turbo 4,8x75 EXT	7,50	34,50	2,90
B930	Decking screw Wood Turbo 4,2x30 EXT	6,60	18,50	2,50
B941	Decking screw Wood Turbo 4,2x41 EXT	6,60	21,50	2,50
B951	Decking screw Wood Turbo 4,2x51 EXT	6,60	21,50	2,50
B957	Decking screw Wood Turbo 4,2x57 EXT	6,60	25,50	2,50
B959	Decking screw Wood Turbo 4,8x57 EXT	7,50	25,50	2,90
B975	Decking screw Wood Turbo 4,8x75 EXT	7,50	34,50	2,90
B990	Decking screw Wood Turbo 4,8x90 EXT	7,50	41,00	2,90
B9910	Decking screw Wood Turbo 4,8x110 EXT	7,50	49,00	2,90
H98419	Decking screw Wood Turbo 4,2x41 EXT	6,60	21,50	2,50
H9857	Decking screw Wood Turbo 4,2x57 EXT	6,60	25,50	2,50
H98759	Decking screw Wood Turbo 4,8x75 EXT	7,50	34,50	2,90
SB930	Decking screw Wood Turbo 4,2x30 EXT	6,60	18,50	2,50
SB941	Decking screw Wood Turbo 4,2x41 EXT	6,60	21,50	2,50
SB957	Decking screw Wood Turbo 4,2x57 EXT	6,60	25,50	2,50
SB975	Decking screw Wood Turbo 4,8x75 EXT	7,50	34,50	2,90
SB9910	Decking screw Wood Turbo 4,8x110 EXT	7,50	49,00	2,90