

Declaration of performance

Constructional screw for wood stud



Applications: Constructional screw for fittings and wood constructions.

Manufacturer:
Västsvensk Byggskruv AB
Vävlagargatan 7, SE-507 30 Brämhult
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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
Characteristic yield moment $M_{y,k}$ (Nmm)	14 620	SP 4P05324 2014.12.02
Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²) in wood with characteristic density 350 Kg/m ³	14,7	SP 4P05324 2014.12.02
Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²) in wood with characteristic density 350 Kg/m ³	36,6	SP 4P05324 2014.12.02
Characteristic tensile capacity $f_{tens,k}$ (kN)	15,6	SP 4P05324 2014.12.02 RISE 2P03958 2020.04.29
Characteristic torsional ratio $f_{tor,k}/R_{tor,k}$ in wood with characteristic density 350 Kg/m ³	2,2	SP 4P05324 2014.12.02

DURABILITY

Climate class 1
(according to
EN 1995-1-1)

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 2021.11.04

Lars Helgesson
Quality manager

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All measurements in mm

Specifications Constructional screw for wood stud

Item number	Name	Head diameter	Thread length	Inner diameter thread
4871009	Constructional screw Wood 6,0 x 100 ZP	13,92	59,00	3,95
487409	Constructional screw Wood 6,0 x 40 ZP	13,92	39,00	3,95
487509	Constructional screw Wood 6,0 x 50 ZP	13,92	49,00	3,95
49750	Constructional screw Wood 6,0 x 50 ZP	13,92	49,00	3,95
48760	Constructional screw Wood 6,0 x 60 ZP	13,92	59,00	3,95
48775	Constructional screw Wood 6,0 x 75 ZP	13,92	59,00	3,95
B487100	Constructional screw Wood 6,0 x 100 ZP	13,92	59,00	3,95
B48740	Constructional screw Wood 6,0 x 40 ZP	13,92	39,00	3,95
B48750	Constructional screw Wood 6,0 x 50 ZP	13,92	49,00	3,95
B48760	Constructional screw Wood 6,0 x 60 ZP	13,92	59,00	3,95
B48775	Constructional screw Wood 6,0 x 75 ZP	13,92	59,00	3,95