

Declaration of performance

Collated 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
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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) | 4 390 | RISE 124747 2021.04.06 |
| Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²) in wood with characteristic density 350 Kg/m ³ | 11,6 | 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 | 16,8 | SP 4P05324 2014.12.02 |
| Characteristic tensile capacity $f_{tens,k}$ (kN) | 6,6 | RISE 124747 2021.04.06 |
| Characteristic torsional ratio $f_{tor,k}/R_{tor,k}$ in wood with characteristic density 350 Kg/m ³ | 4,9 | SP 4P05324 2014.12.02 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 2021.11.11

Lars Helgesson
Quality manager

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16900

All measurements in mm

Specifications Collated decking screw (external) for wood stud

| Item number | Name | Head diameter | Thread length | Inner diameter thread |
|-------------|--|---------------|---------------|-----------------------|
| RB241 | Decking screw Wood 4,2 x 41 EXT Collated | 6,60 | 21,00 | 2,50 |
| RB251 | Decking screw Wood 4,2 x 51 EXT Collated | 6,60 | 21,00 | 2,50 |
| RB255 | Decking screw Wood 4,2 x 55 EXT Collated | 6,60 | 24,00 | 2,50 |