



# Declaration of Performance



10.1.2020

**Document No.:** 98171-41837-01  
**Item No.:** 502098171  
**Description.:** Collated decking screw  
**Diameter:** 4,2mm  
**Length:** 55 mm  
**Type of recess:** Phillips  
**Thread:** Partial  
**Head:** Flat countersunk  
**Point:** Type 17 cutting edge; milling ribs on shank  
**Intended use:** Load bearing timber constructions  
**Material:** Stainless steel 304  
**Assessment system:** System 3+  
**Report No.:** 30-14509/JP  
**Certificate No.:** CPR-J-02665-19  
**Notified body / test laboratory:** Strojírenský zkušební ústav s.p. N.B. 1015

## Declaration of Performance of construction product

Essential characteristics	Performance		Density of wood (kg/m <sup>3</sup> )	Harmonized technical specification
Nominal diameter (mm)	3.9-4.3mm			EN14592:2008+A1:2012
Inner thread diameter (mm)	2.4-2.7mm			EN 14592:2008+A1:2012
Head diameter (mm)	7.0-7.5mm			EN 14592:2008+A1:2012
Total length (mm)	53.5-56.5mm			EN 14592:2008+A1:2012
Thread length (mm)	26-29mm			EN 14592:2008+A1:2012
Tensile capacity (kN)	3,50			EN 14592:2008+A1:2012
Yield moment (Nmm) (l <sub>2</sub> =1d)	1506			EN 14592:2008+A1:2012
Head pull-through parameter (N/mm <sup>2</sup> )	25,80		350	EN 14592:2008+A1:2012
Withdrawal parameter (N/mm <sup>2</sup> )	Perpendicular to the grain	17,7	350	EN 14592:2008+A1:2012
	Parallel to the grain	13,48	350	EN 14592:2008+A1:2012
Torsional ratio (Nm)	1,72		350	EN 14592:2008+A1:2012
Durability	Service Class 3			EN1995-1-1

### The manufacturer declares for:

The product is in accordance with EN 14592:2008+A1:2012 Timber structures-Dowel-type fasteners-Requirements.

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