



Declaration of Performance



25.11.2021

Document No.: 83020-50556-101
Item No.: 501083020
Description: Decking screw
Diameter: 4,2mm
Length: 51 mm
Type of recess: Torx
Thread: Partial
Head: Double flat head
Point: Type 17 cutting edge; 4 ribs
Intended use: Structural timber products
Material: Stainless steel A2-70
Assessment system: System 3+
Report No.: 1015-CPR-30-11457/JZ
Certificate No.: CPR-J-00211-19
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/m3)	Harmonized technical specification
Nominal diameter (mm)	3.90-4.20			EN 14592:2008+A1:2012
Inner thread diameter (mm)	2.52-2.82			EN 14592:2008+A1:2012
Head diameter (mm)	7.0-7.5			EN 14592:2008+A1:2012
Total length (mm)	49.8-52.20			EN 14592:2008+A1:2012
Thread length (mm)	24.00-27.00			EN 14592:2008+A1:2012
Yield moment (Nmm) (I ₂ =1d)	2104			EN 14592:2008+A1:2012
Tensile capacity (kN)	3.19			EN 14592:2008+A1:2012
Head pull-through parameter (N/mm ²)	24.73		350	EN 14592:2008+A1:2012
Withdrawal parameter (N/mm ²)	Perpendicular to the grain	15.48	350	EN 14592:2008+A1:2012
	Parallel to the grain	12.82	350	EN 14592:2008+A1:2012
Torsional ratio (Nm)	1.85		350	EN 14592:2008+A1:2012
Durability	Stainless Steel 304 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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