



Declaration of Performance



25.11.2021

Document No.: 27777-09421-101
Item No.: 502227777
Description: Hidden decking screw
Diameter: 4,8mm
Length: 60 mm
Type of recess: Torx
Thread: Partial
Head: Double flat head
Intended use: Structural timber products
Material: Stainless steel A2-70
Assessment system: System 3+
Report No.: 1015-CPR-30-15766/JZ
Certificate No.: CPR-J-02167-21
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 ³)	Harmonized technical specification
Nominal diameter (mm)	3.15-3.25			EN 14592:2008+A1:2012
Inner thread diameter (mm)	upper	2.8-3.0		EN 14592:2008+A1:2012
	down	2.5-2.7		
Head diameter (mm)	4.8-5.0			EN 14592:2008+A1:2012
Total length (mm)	58.5-60			EN 14592:2008+A1:2012
Thread length (mm)	28.5-31.5			EN 14592:2008+A1:2012
Yield moment (Nmm) (I ₂ =1d)	1569			EN 14592:2008+A1:2012
Tensile capacity (kN)	3.21			EN 14592:2008+A1:2012
Head pull-through parameter (N/mm ²)	43.19		350	EN 14592:2008+A1:2012
Withdrawal parameter (N/mm ²)	Perpendicular to the grain	14.62	350	EN 14592:2008+A1:2012
	Parallel to the grain	12.24	350	EN 14592:2008+A1:2012
Torsional ratio (Nm)	1.2		450	EN 14592:2008+A1:2012
Durability	Stainless Steel 304 Service Class 3			EN 1995-1-1

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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