



Declaration of Performance



03.4.2025

Document No.: 16264-04245-001
Item No.: 502016264
Description: CHIPBOARD SCREW PROF A2 T20 4X50 200 HALF THREAD
Diameter: 4
Length: 50
Type of recess: Torx
Thread: Partial
Head: Double flat head
Point: without cutting
Intended use: Structural timber products
Material: Stainless steel A2-70
Assessment system: System 3+
Report No.: 1015-CPR-30-14596/JZ
Certificate No.: CPR-J-02735-19
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)	3.75-4.00			EN 14592:2008+A1:2012
Inner thread diameter (mm)	2.30-2.50			EN 14592:2008+A1:2012
Head diameter (mm)	7.64-8.00			EN 14592:2008+A1:2012
Total length (mm)	48.75-50.00			EN 14592:2008+A1:2012
Thread length (mm)	29.25-30.75			EN 14592:2008+A1:2012
Yield moment (Nmm) (I ₂ =1d)	I ₂ = 1d	2181		EN 14592:2008+A1:2012
Tensile capacity (kN)	4,04			EN 14592:2008+A1:2012
Head pull-through parameter (N/mm2)	25,88		350	EN 14592:2008+A1:2012
Withdrawal parameter (N/mm2)	Perpendicular to the grain	16,84	350	EN 14592:2008+A1:2012
	Parallel to the grain	11,98	350	EN 14592:2008+A1:2012
Torsional ratio (Nm)	2,01		350	EN 14592:2008+A1:2012
Durability	Stainless Steel A2-70 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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