



Declaration of Performance



10.1.2021

Document No.: 23786-04990-001
Item No.: 502223786
Description: Anchor nail
Diameter: 4,0 mm
Length: 50 mm
Head: Round/Countersunk
Shank: ring
Intended use: Load bearing timber constructions
Material: Carbon steel Q235
Assessment system: System 3+
Report No.: 30-9978/7
Certificate No.: E-30-20897-13
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
Head diameter (mm)	7.40-8.0			EN 14592:2008+A1:2012
Cross-sectional area(mm ²)	42.99-50.24			EN 14592:2008+A1:2012
shank diameter (mm)	3.95-4.05			EN 14592:2008+A1:2012
Total length (mm)	48-52			EN 14592:2008+A1:2012
Length of thread (mm)	30.9-49.1			EN 14592:2008+A1:2012
Length of point (mm)	5.2-9.4			EN 14592:2008+A1:2012
Yield moment (Nmm)	8075			EN 14592:2008+A1:2012
Tensile capacity (kN)	9.56			EN 14592:2008+A1:2012
Head pull-through parameter (N/mm ²)	24.49		450	EN 14592:2008+A1:2012
Withdrawal parameter (N/mm ²)	Loading across fibre	9.63	450	EN 14592:2008+A1:2012
	Loading along fibre	5.65	450	EN 14592:2008+A1:2012
Durability	Hot-dip zinc coating, min. 25 µm (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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