



# Declaration of Performance



10.1.2021

**Document No.:** 23787-05027-001  
**Item No.:** 502223787  
**Description:** Anchor nail  
**Diameter:** 4,0 mm  
**Length:** 60 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 <sup>3</sup> )	Harmonized technical specification
Head diameter (mm)	7.40-8.0			EN 14592:2008+A1:2012
Cross-sectional area(mm <sup>2</sup> )	42.99-50.24			EN 14592:2008+A1:2012
shank diameter (mm)	3.95-4.05			EN 14592:2008+A1:2012
Total length (mm)	58-62			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 <sup>2</sup> )	24.49		450	EN 14592:2008+A1:2012
Withdrawal parameter (N/mm <sup>2</sup> )	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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