



Strojírenský zkušební ústav, s.p. (SZU)
Engineering Test Institute, Public Enterprise
Hudcova 424/56b, 621 00 Brno, Czech Republic

CERTIFICATE

Number: **E-30-20386-14**

Manufacturer: Hašpl a.s.
Ke Koupališti 172
549 32 Velké Poříčí, Czech Republic

Product, Type/Model/Specification: Nail ANKER \varnothing 4.0 mm
- head: round, countersunk
- material: quality steel wire 11 343,
min. tensile strength 600 MPa
- without coating and coating type 1
- length: (35 to 100) mm

Determination of the product-type: see Annex 1 (page 2 of certificate)

Basis of Certificate issuance: Report - Determination of the product-type
30-10220 of 2014-05-22

Harmonized standard: EN 14592:2008+A1:2012, Tab. ZA.1

Strojírenský zkušební ústav, s.p., (Engineering Test Institute, Public Enterprise) hereby confirms that it has carried out determination of the product-type in accordance with Art. 1.4 System 3 Annex V of the Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (Construction Products Regulation - CPR) and has determined performance of essential characteristics of the product.

This Certificate is not a substitute for relevant document issued by Notified Body.

Brno, 2014-05-23




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Ing. Pavel Štícha
Director for Certification

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Certificate E-30-20386-14, Annex 1

Determination of the product-type

Product	Characteristic yield moment $M_{y,k}$ [Nmm]	Characteristic withdrawal parameter – loading across the fibre $f_{ax,k}$ [N/mm ²]	Characteristic withdrawal parameter – loading along the fibre $f_{ax,k}$ [N/mm ²]	Characteristic head pull-through parameter $f_{head,k}$ [N/mm ²]	Characteristic tensile capacity $f_{tens,k}$ [kN]
Nail ANKER ø 4.0 mm	8 358	10,30 ^{*)}	5,88 ^{*)}	22,08	9,24
Characteristic density of wood ρ_k [kg/m ³]	-	400	400	400	-
Durability (i.e. corrosion protection)	without coating (Service Class 1 acc. to EN 1995-1-1) galvanized, min. 12 µm (Service Class 2 acc. to EN 1995-1-1) hot dip galvanized, min. 25 µm (Service Class 3 acc. to EN 1995-1-1)				

*) galvanized

Intended use: for structural timber products

