

DECLARATION OF PERFORMANCE

No. 004

1. Unique identification code of product type:

Anchor nail, annular ring, plastic collated, diameter 4.0 mm

2. Intended use/es:

Used for structural timber products

3. Manufacturer:

Pintos Oy
Pysäköintie 12
27510 Eura
FINLAND

5. System/s of AVCP:

System 3

6 a. Harmonised standard:

EN 14592:2008+A1:2012

Notified body/ies:

Institut Technologique FCBA, identification number 0380,
Initial type Testing Report No 2010-104-2032

VTT Expert Services Oy, identification number 0537,
Initial type Testing Report No. VTT-S-00518-14

Factory production control (FPC) system is maintained under the responsibilities of the manufacturer.

7. Declared performance/s:

Harmonized technical specification:

Dimensions:

EN 14592:2008+A1:2012

Material:

Characteristics tensile strength of wire: $\min \geq 600 \text{ N/mm}^2$ according to EN 14592:2008+A1:2012

Electroplate zinc coated: EN 16120

Coating:

Electroplated zinc coating:

Zinc layer thickness $\geq 12 \text{ } \mu\text{m}$ or $\geq 25 \text{ } \mu\text{m}$, Service Class 2 or 3 according to EN 1995-1-1

Angle of collation:

Plastic collated: 25°

Essential characteristics:

EN 14592:2008+A1:2012

ELECTROPLATED ZINC COATING, Durability i.e corrosion protection Fe/Zn12/A Service Class 2 or Fe/Zn25/A Service Class 3

Name	Dimensions diameter x length d x l [mm]	Head cross- sectional area A_h [mm ²]	Length of threaded part l_g [mm]	Length of point l_p [mm]	Characteristic yield moment $M_{y,k}$ [Nmm]	Characteristic withdrawal parameter ^{a)} $f_{ax,k}$ [N/mm ²]	Characteristic head pull- through parameter ^{a)} $f_{head,k}$ [N/mm ²]	Characteristic tensile capacity $f_{tens,k}$ [kN]
4,0 x 38	4,0 x 38	50,3	24,2	3,8	7469	5,23	NPD ^{b)}	7,0
4,0 x 40	4,0 x 40		26,2					
4,0 x 45	4,0 x 45		31,2					
4,0 x 50	4,0 x 50		37,0					
4,0 x 60	4,0 x 60		46,2					

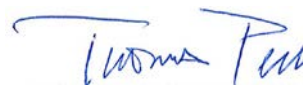
a) Parameter was measured on timber with a characteristic density of 350 kg/m³ (C24)

b) No Performance Determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Eura, 28th August 2015



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Tuomas Pere, Managing Director