

DECLARATION OF PERFORMANCE
No. 002

1. Unique identification code of product type:

Wire nail, grooved, flat head, diameter 2.8 up to 3.8 mm

2. Intended use/es:

Used for structural timber products

3. Manufacturer:

Pintos Oy
Pysäkintie 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

SZU, identification number 1015,
Initial type Testing Report No. 30-9978/5

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

Bright / Hot dip zinc coated: EN 16120

Coating:

Hot dip zinc coating:

Zinc layer thickness $\geq 49 \mu\text{m}$, Service Class 3 according to EN 1995-1-1

Angle of collation:

Plastic collated: 17°, 21°, 34°

Essential characteristics:

EN 14592:2008+A1:2012

HOT DIP ZINC COATING, Durability i.e corrosion protection Z350 Service Class 3

Name	Dimensions diameter x length A_h [mm]	Head cross-sectional area I_g [mm ²]	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]
2,8 x 50	2,8 x 50	34,7	3953	3,26	23,01	4,1
2,8 x 65	2,8 x 65					
2,8 x 75	2,8 x 75					
3,1 x 90	3,1 x 90	38,7	4267	4,02	21,25	5,1

a) Parameter was measured on timber with a characteristic density of 450 kg/m³

BRIGHT, Durability i.e corrosion protection Service Class 1

Name	Dimensions diameter x length d x l [mm]	Head cross- sectional area A_h [mm ²]	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]
2,8 x 50	2,8 x 50	34,2	2958	1,72	8,58	NPD ^{b)}
2,8 x 65	2,8 x 65					
2,8 x 75	2,8 x 75					
3,1 x 90	3,1 x 90	36,3	4014			
3,8 x 120	3,8 x 120	47,8	6722			

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, 21st April 2016



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Tuomas Pere, Managing Director