

DECLARATION OF PERFORMANCE

No. 010

1. Unique identification code of product type:

Ring nail, D-head, paper collated, diameter 2.8 mm and 3.1 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:

VTT Expert Services Oy, identification number 0537,
Initial type Testing Report No. VTT-S-07083-13

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: $\min \geq 800 \text{ N/mm}^2$ 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:

Paper collated: 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 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]
2,8 x 50	2,74 x 49	28,1	25,2	4,7	2370	6,56	18,55	NPD ^{b)}
2,8 x 65	2,74 x 63		29,0					
2,8 x 75	2,74 x 74		47,0					
3,1 x 90	2,98 x 89	30,2	62,0	5,0	3140	5,07	18,81	

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]	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]
2,8 x 75	2,74 x 74	28,3	47,0	4,5	2920	6,14	18,55	NPD ^{b)}
3,1 x 90	2,98 x 89	30,2	64,0	5,3	3750	8,66	18,81	

a) Parameter was measured on timber with a characteristic density of 350 kg/m^3 (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