

DECLARATION OF PERFORMANCE

No. 005

1. Unique identification code of product type:

Wire nail, square, flat head, diameter 2.0 up to 6.0 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 N° 2013.557.1168

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

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]	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]
2,0 x 40	2,0 x 40	19,6	1855	2,45	8,58	NPD ^{b)}
2,0 x 50	2,0 x 50					
2,1 x 50	2,1 x 50	22,3	2106			
2,2 x 55	2,2 x 55	22,1	2377			
2,5 x 55	2,5 x 55	28,3	3314			
2,5 x 60	2,5 x 60					
2,5 x 65	2,5 x 65					
2,8 x 65	2,8 x 65	38,5	4450			
2,8 x 75	2,8 x 75					
2,8 x 90	2,8 x 90					
3,1 x 80	3,1 x 80	38,5	5798			
3,4 x 90	3,4 x 90	55,4	7372			
3,4 x 95	3,4 x 95					
3,4 x 100	3,4 x 100					
3,8 x 100	3,8 x 100	66,4	9844			
3,8 x 125	3,8 x 125					
4,2 x 125	4,2 x 125	87,0	12769			
4,6 x 130	4,6 x 130	114,9	16177			
4,8 x 150	4,8 x 150	119,1	18070			
5,1 x 150	5,1 x 150	125,4	21155			
5,5 x 160	5,5 x 160	150,2	25743			
5,5 x 175	5,5 x 175					
5,5 x 200	5,5 x 200					
6,0 x 180	6,0 x 180	156,1	32279			

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}	Characteristic tensile capacity f _{tens,k} [kN]
2,0 x 40	2,0 x 40	19,6	1855	2,45	8,58	NPD ^{b)}
2,0 x 50	2,0 x 50					
2,1 x 50	2,1 x 50	21,9	2106			
2,2 x 55	2,2 x 55	22,7	2377			
2,5 x 55	2,5 x 55	28,3	3314			
2,5 x 60	2,5 x 60					
2,8 x 60	2,8 x 60	36,6	4450			
2,8 x 75	2,8 x 75					
3,1 x 80	3,1 x 80	38,5	5798			
3,4 x 90	3,4 x 90	46,5	7372			
3,4 x 95	3,4 x 95					
3,4 x 100	3,4 x 100					
3,8 x 100	3,8 x 100	66,4	9844			
4,2 x 125	4,2 x 125	81,7	12769			
4,6 x 130	4,6 x 130	113,0	16177			
5,1 x 150	5,1 x 150	125,4	21155			
5,5 x 160	5,5 x 160	154,1	25743			
5,5 x 175	5,5 x 175					
5,5 x 200	5,5 x 200					
6,0 x 180	6,0 x 180	176,6	32279			

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