DECLARATION OF PERFORMANCE in acc.to EU 305/2011
DoP Nr. 1223-019X

1. Unique identification code of the product-type:

Ferrometal Oy supplier no.: 1223
0194 Chipboard screws, carbon steel, zinc plated, pan head
0193 & 0197 Chipboard screws, carbon steel, zinc plated, countersunk head

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

See the packaging label

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

For structural timber products

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

Ferrometal Oy
Karhutie 9
01900 Nurmijärvi
Finland

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

EN 14592:2008+A1:2012

Strojírenský zkušební ústav, s.p. (Notified Body No. 1015)

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance

Essential characteristics	Performance						Harmonized technical specification
	d 3,0mm	d 3,5mm	d 4,0mm	d 4,5mm	d 5,0mm	d 6,0mm	
Characteristic yield moment $M_{y,k}$ [Nmm]	1978	2429	3630	4792	6647	10032	EN14592:2008 +A1:2012
Characteristic withdrawal parameter $f_{ax,k}$ [N/mm²] *in timber with characteristic density pk [kg/m3]*	17,50 a) 24,69 b) *520 kg/m3*	14,35 a) 19,87 b) *520 kg/m3*	15,96 a) 20,47 b) *520 kg/m3*	13,59 a) 20,10 b) *520 kg/m3*	15,15 a) 19,11 b) *405 kg/m3*	15,95 a) 18,62 b) *405 kg/m3*	
Characteristic head pull-through parameter $f_{head,k}$ [N/mm²] *in timber with characteristic density pk [kg/m3]*	Countersunk head 30,69 *395 kg/m3*	Countersunk head 24,16 *405 kg/m3*	Countersunk head 26,66 Pan head 33,62 *525 kg/m3*	Countersunk head 25,10 Pan head 33,71 *525 kg/m3*	Countersunk head 23,03 Pan head 27,63 *510 kg/m3*	Countersunk head 25,39 Pan head 36,89 *445 kg/m3*	
Characteristic tensilecapacity $f_{tens,k}$ [kN]	3,71	4,27	5,18	6,05	7,74	9,87	
Characteristic torsional ratio $f_{tor,k}$ / $R_{tor,k}$ *in timber with characteristic density pk [kg/m3]*	4,34 *450 kg/m3*	5,22 *450 kg/m3*	4,12 *450 kg/m3*	3,52 *450 kg/m3*	3,67 *450 kg/m3*	2,29 *450 kg/m3*	
Durability	Service Class 1						EN 1995-1-1:2010

Notes to the table:
a) loading along the fibre
b) loading across the fibre

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Nurmijärvi, 16.10.2026



Jani Koskinen, Head of Product & Quality, Ferrometal Oy