FERROMETAL OY
Karhutie 9
FIN-01900 NURMIJÄRVI
Puh 010 308 11
Fax 010 308 4501
Y-tunnus: 0107944-3
Kotipaikka: Nurmijärvi

DECLARATION OF PERFORMANCE in acc.to EU 305/2011

DoP Nr. 88888-11822_2182

Product group: Ferrometal Oy supplier: 88888
11822 Chipboard screws, A2, countersunk head
2182 Chipboard screws, A2, pan head

Intended use: For structural timber products

Company contact address: Ferrometal Oy
Karhutie 9
01900 Nurmijärvi
FINLAND
www.ferrometal.fi

AVCP System: Class 3

ITT tested by: Strojírenský zkušební ústav, s.p. (Notified Body No. 1015)

ITT report no: E-30-20147-13

Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance and stability	See Table 1	EN 14592:2008+A1:2012
Safety in case of fire	NPD	
Hygiene, health and the environment	NPD	
Safety and accessibility in use	NPD	
Protection against noise	NPD	
Energy economy and heat retention	NPD	
Sustainable use of natural resources	NPD	

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Table 1:

Product	characteristic yield moment $M_{y,k}$ [Nmm]		characteristic withdrawal parameter $f_{ax,k}$ [N/mm^2]		characteristic head pull-through parameter $f_{head,k}$ [N/mm^2]		characteristic tensile capacity $f_{tens,k}$ [kN]	characteristic torsional ratio
Chipboard screws	thread section	smooth section	loading across the fibre	loading along the fibre	csk head	pan head	-	-
ø 3.0 mm	925	-	21,75[1)]	14,45[1)]	-	35,42[4)]	2,01	1,08
ø 3.5 mm	1 576	-	15,40[1)]	10,34[1)]	-	32,76[4)]	2,71	1,16
ø 4.0 mm	2 147	-	17,84[3)]	11,95[3)]	19,44[2)]	27,20[2)]	3,26	2,15
ø 4.5 mm	2 878	-	24,83[4)]	18,69[4)]	19,40[1)]	-	3,73	1,66
ø 5.0 mm	4 284	3 724	18,06[1)]	13,06[1)]	24,52[3)]	32,93[3)]	4,49	1,29
ø 6.0 mm	7 721	-	19,96[2)]	13,77[2)]	22,99[5)]	35,54[5)]	6,13	1,80
Characteristic density of wood ρ_k [kg/m^3]	-		[1)] 455, [2)] 470, [3)] 480, [4)] 485		[1)] 390, [2)] 410, [3)] 445, [4)] 500, [5)] 505		-	450
Durability (i.e. corrosion protection)	stainless steel A2 (Service Class 3 acc. to EN 1995-1-1)							

Place and date of issue: Nurmijärvi 16.10.2026

Name and function: Jani Koskinen, Head of Product & Quality, Ferrometal Oy

Signature:_____

