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

DECLARATION OF PERFORMANCE

DoP Nr. 1223-71885_71888

Product group: 71885/71888 Terrace screws, stainless steel AISI 410 + Ruspert

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-30-20143-13

Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance and stability	See Table 1&2	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 Screw diameter d4,2 mm:

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
-	-	loading across the fibre	loading along the fibre	-	-	-
Decking screw #8 (ø 4.2 mm)	4 135	14,67	10,20	19,94	6,76	3,78
Characteristic density of wood ρ_k [kg/m^3]	-	350		350	-	450
Durability (i.e. corrosion protection)	stainless steel SUS410; finish: (yellow) zinc plated or ruspert, min. 3 µm (Service Class 3 acc. to EN 1995-1-1)					

Table 2 Screw diameter d4,8 mm:

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
-	-	loading across the fibre	loading along the fibre	-	-	-
Decking screw #10 (ø 4.8 mm)	6 585	14,97	10,00	18,94	9,11	3,75
Characteristic density of wood ρ_k [kg/m^3]	-	350		350	-	450
Durability (i.e. corrosion protection)	stainless steel SUS410; finish: (yellow) zinc plated or ruspert, min. 3 µm (Service Class 3 acc. to EN 1995-1-1)					

Place and date of issue: Nurmijärvi 23.10.2026

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

Signature:_____

