

**DECLARATION OF PERFORMANCE**

Nr. 36855-2

**Product group:** 36855540 Timber fixing screws EN 14592 d4,8 x 40  
steel+Ruspert

**Intended use:** Load bearing timber structures

**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-30-20305-17

**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	

**Table 1:**

Assessment of the performance of construction product						
Product	Characteristic yield moment $M_{y,k}$ [Nmm]	Characteristic withdrawal parameter $f_{ax,k}$ [N/mm <sup>2</sup> ]		Characteristic head pull-through parameter $f_{head,k}$ [N/mm <sup>2</sup> ]	Characteristic tensile capacity $f_{tens,k}$ [kN]	Characteristic torsional ratio
		perpendicular to the grain	parallel to the grain			
-	-			-	-	-
Timber fixing screws $\varnothing$ 4.8 mm	6 992	18,78	12,57	25,00	8,78	4,07
Characteristic density of wood $\rho_k$ [kg/m <sup>3</sup> ]	-	350		350	-	450
Durability (i.e. corrosion protection)	Ruspert silver, min. 10 $\mu$ m (Service Class 3 acc. to EN 1995-1-1)					

Place and date of issue: Nurmijärvi 13.11.2017

Name and function: Jani Koskinen, Product Manager

Signature: \_\_\_\_\_



## DECLARATION OF PERFORMANCE

Nr. 36855-3

Product group: 36855550 Timber fixing screws EN 14592 d4,8 x 50  
steel+Ruspert

Intended use: Load bearing timber structures

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-30-20066-18

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	

Table 1:

Assessment of the performance of construction product						
Product	Characteristic yield moment $M_{y,k}$ [Nmm]	Characteristic withdrawal parameter $f_{ax,k}$ [N/mm <sup>2</sup> ]		Characteristic head pull-through parameter $f_{head,k}$ [N/mm <sup>2</sup> ]	Characteristic tensile capacity $f_{tens,k}$ [kN]	Characteristic torsional ratio
		perpendicular to the grain	parallel to the grain			
-	-			-	-	-
Timber fixing screw ø 4.8 mm	6 992	18,78	12,57	25,00	8,78	4,07
Characteristic density of wood $\rho_k$ [kg/m <sup>3</sup> ]	-	350		350	-	450
Durability (i.e. corrosion protection)	Ruspert silver, min. 10 µm (Service Class 3 acc. to EN 1995-1-1)					

 Place and date of issue: Nurmijärvi 13.2.2018

 Name and function: Jani Koskinen, Product Manager

Signature: \_\_\_\_\_

