

DECLARATION OF PERFORMANCE

Nr. 36855-1

Product group: 36855 Timber fixing screws, steel+Ruspert

Intended use: Load bearing timber structures

Company contact address: Ferrometal Oy
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AVCP System: Class 3

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

ITT report no: E-30-20144-13

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 | |

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 |
|--|--|---|-------------------------|--|---|--------------------------------|
| | | loading across the fibre | loading along the fibre | | | |
| - | - | | | - | - | - |
| Timber fixing screw ø 5.0 mm | 8 486 | 19,66 | 13,08 | 25,67 | 8,19 | 2,06 |
| Characteristic density of wood ρ_k [kg/m ³] | - | 485 | | 440 | - | 450 |
| Durability (i.e. corrosion protection) | hardened steel C1022, ruspert silver (Service Class 3 acc. to EN 1995-1-1) | | | | | |

Place and date of issue: Nurmijärvi 30.6.2013

Name and function: Jani Koskinen, Product Manager

Signature: _____

