

## DECLARATION OF PERFORMANCE

Document No. DOPSPE220

- Spectre Timber Fix Screws
  - Gauges: 6.3mm
  - Hex/Flange head
  - Partial thread
  - Green Ruspert
- Spectre Timber Fix screws intended for use in load-bearing structural timber products
- Manufacturer: Forgefix Ltd.,  
Botany Business Park,  
Macclesfield Road,  
Whaley Bridge,  
SK23 7DQ.
- Testing Laboratory:
  - o. 10451.1, accredited by the Czech Accreditation Institute, Workplace 2 Branch 2, SZU s.  
p., Tovarni 5, 466 21 Jablonec nad Nisou, Czech Republic
  - Notified Body: 1015
  - Report Number: 30-14706
- Declared Performance for essential characteristics to EN 14592:2008+A1:2012
- System of AVCP: System 3
- The performance of the mentioned products is in conformity with the declared performance given below

**Spectre Timber Fix Hex/Flange screw 6.3mm**

Product	Characteristic yield moment My,k [Nmm]		Characteristic withdrawal parameter fax,k [N/mm2]		Characteristic head pull-through parameter fhead,k [N/mm2]	Characteristic tensile capacity ftens,k [kN]	Characteristic torsional ratio
	Thread section	Smooth section	Loading across the fibre	Loading along the fibre	-	-	-
Hex/Flange Timber Fix screw 6.3mm	15,282	19,633	14,97	12,25	27,56	19,02	5,34
Material	Carbon Steel C1022						
Durability (corrosion protection)	Green Ruspert 1000 hrs, service class 3 acc. To EN 1995-1-1						