

SPECTRE

Declaration of Performance

Spectre Woodscrew

Document Number:
DOPSPE119

1. Unique identification code of the product-type:

Spectre Woodscrew

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Head: Double countersunk. Recess: Pozi. Full/Partial Thread. Material 10B21

3. Intended use or uses of the construction product, in accordance with the applicable harmonised/designated technical specification, as foreseen by the manufacturer:

Load-bearing structural timber products

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

ForgeFix Ltd. Galleon Blvd, Crossways Bus. Park, Dartford, Kent DA2 6QE, UK.

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Tucks Fasteners Ltd. Century Bus. Park, 10 St Margaret's Rd, Dublin, D11 TN80, IE.

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

AVCP System 3

7. Harmonised / Designated standard:

EN 14592:2008+A1:2012

8. Notified body/ies:

SHR. Notified Body Number: 1686
European Technical Assessment: N/A

9. Declared performance/s:

Spectre Woodscrew 3.0mm

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 $f_{tens,k}$ [Nmm ²]	Characteristic torsional ratio $f_{tor,k}$ [Nm]
Woodscrew 3.0mm	1602	22.4	63.7	389	1.52

Spectre Woodscrew 3.5mm

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 [Nmm ²]	Characteristic torsional ratio ftor,k [Nm]
Woodscrew 3.5mm	2363	21.8	55.1	363	2.16

Spectre Woodscrew 4.0mm

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 [Nmm ²]	Characteristic torsional ratio ftor,k [Nm]
Woodscrew 4.0mm	3405	19	46.3	363	3.36

Spectre Woodscrew 4.5mm

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 [Nmm ²]	Characteristic torsional ratio ftor,k [Nm]
Woodscrew 4.5mm	6160	30.7	42.5	380	4.73

Spectre Woodscrew 5.0mm

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 [Nmm ²]	Characteristic torsional ratio ftor,k [Nm]
Woodscrew 5.0mm	6958	31.2	49.9	350	6.06

Spectre Woodscrew 6.0mm

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 [Nmm ²]	Characteristic torsional ratio ftor,k [Nm]
Woodscrew 6.0mm	11718	42.7	66.8	388	11.5

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of:

ForgeFix Ltd.

Place of issue:

ForgeFix Ltd. Galleon Blvd, Crossways Bus. Park, Dartford, Kent DA2 6QE, UK.

Date of issue:

01/01/2021

Name:

Anthony Armitt

Position:

Commercial Director

Signature:

A handwritten signature in black ink, appearing to read 'A. Armitt', is written over a horizontal dashed line.