

1. Olympic Fixings Twinthread Woodscrews, in all sizes from 4 x ½" to 12 x 4"
2. Batch numbers are included on box and outer carton labels to allow batch identification.
3. Olympic Fixings Twinthread Woodscrews are intended for use in timber structures.

4. Manufacturer: Olympic Fixing Products Ltd,  
Units 1 - 4 Venture Court,  
Metcalf Drive,  
Altham,  
Accrington,  
Lancashire  
BB5 5WH  
Factory No. 1

5. Tested to EN14592:2008 + A1:2012 by:

Slovenian National Building and Civil Engineering Institute - ZAG,  
Ljubljana,  
Notified Body No. 1404

Test Report Reference P 1059/12-630-1 dated 28.05.13

**Olympic Fixing Products Ltd**

Units 1-3 Venture Court, Metcalf Drive  
Altham, Accrington  
Lancashire BB5 5WH

Tel: 01282 778923 (5 lines)  
Fax: 01282 779119

**Sales Enquiries:** [accrington@olympicfixings.co.uk](mailto:accrington@olympicfixings.co.uk)  
**General Enquiries:** [accrington@olympicfixings.co.uk](mailto:accrington@olympicfixings.co.uk)  
**New Account Requests:** [tc@olympicfixings.co.uk](mailto:tc@olympicfixings.co.uk)

Company Registration No: 02367267 VAT Registration No: GB 572277230

**Olympic Fixings Ireland Ltd**

Unit 3, Greenway Industrial Estate  
Conlig, Co. Down  
BT23 7SU

Tel: 02891 453724 (4 lines)  
Fax: 02891 465893

**Sales Enquiries:** [sales@olympicfixings.co.uk](mailto:sales@olympicfixings.co.uk)

**[www.olympicfixings.com](http://www.olympicfixings.com)**

Company Registration No: 02666419 VAT Registration No: GB 598063891

**Registered Office:**

Units 1-3 Venture Court, Metcalf Drive, Altham,  
Accrington, Lancashire BB5 5WH

6. Declared performance in accordance with EN14592:2008 + A1:2012

| Essential characteristics  |       | Performance   |       |       |       |       |       | Harmonised technical specification |                           |
|--|-------|---|-------|-------|-------|-------|-------|------------------------------------|---------------------------|
|  |       | # 4   | # 5   | # 6   | # 7   | # 8   | # 10  |                                    | # 12                      |
| Geometry   | d(mm) | 2.9   | 3.2   | 3.5   | 3.9   | 4.2   | 4.8   | 5.5                                | EN14952:2008+A1:2012      |
| Material   |       | ASTM standard SAE 1022, AL KILLED(MQ)<br>EN 10083-2 |       |       |       |       |       |                                    |                           |
| Characteristic yield moment $M_{y,k}$ (Nm)                                   |       | 1.410   | 2.039 | 2.703 | 2.420 | 3.707 | 5.329 | 10.316                             | EN 409:2009               |
| Characteristic withdrawal parameter $f_{ax,k}$ (N/mm <sup>2</sup> )          |       | 19.41   | 15.42 | 21.00 | 21.03 | 16.03 | 12.99 | 14.74                              | EN 1382:1999              |
| Characteristic head pull-through parameter $f_{head,k}$ (N/mm <sup>2</sup> ) |       | 44.10   | 23.59 | 22.12 | 40.81 | 23.40 | 39.91 | 23.06                              | EN 1383:1999              |
| Characteristic tensile capacity $f_{tens,k}$ (kN)                            |       | 3.14  | 3.33  | 3.93  | 4.20  | 7.08  | 8.49  | 12.21                              | EN 1383:1999              |
| Timber density $P_k$ (kg/m <sup>3</sup> )                                    |       | 488.9   | 312.3 | 332.0 | 515.3 | 407.8 | 409.2 | 414.7                              |                           |
| Characteristic torsional strength $f_{tor,k}$ (Nm)                           |       | 1.61  | 2.92  | 3.25  | 3.30  | 5.16  | 7.67  | 11.57                              | EN ISO 10666:1999         |
| Characteristic torsional resistance $R_{tor,k}$ (Nm)                         |       | 0.31  | 0.39  | 0.90  | 0.90  | 1.34  | 0.92  | 3.00                               | EN 15737:2009             |
| Characteristic torsional ratio   |       | 5.18  | 7.46  | 3.61  | 3.68  | 3.84  | 8.33  | 3.85                               | EN 14592:2008 Annex B     |
| Corrosion protection   |       | Minimum 12.5 $\mu$ m                                |       |       |       |       |       |                                    | EN 14592: 2008 + A1: 2012 |

7. The performance of the product identified is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer.

For and behalf of Olympic Fixing Products limited



**Paul Gordon**  
Managing Director

**Olympic Fixing Products Ltd**  
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