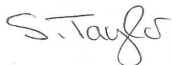


Product Type Timberfix plus hex timber screw  
 Identification Organic coated in lengths 65mm ~ 250mm , hex flange head  
 Intended use Timber structures and landscaping  
 Manufacturer/Importer Aptus Fastener Systems Ltd  
 Manufacturing Plant ref: 00484  
 Salterwood Drive  
 Denby Hall Business Park  
 Denby  
 Derbyshire  
 DE5 8JY  
 Notified Testing Body for ITT  
 BM Trada  
 Chiltern House  
 Stocking Lane  
 Hughenden Valley  
 High Wycombe  
 Buckinghamshire  
 HP14 4ND  
 NB reference 1224

Tested to : EN14592:2008+A1:2012 under system 3  
 Test values not specific to fastener length  
 Manufacturing plant 00484 FPC certified to ISO9001:2008

| Essential Characteristics         | Ref                   | Performance     | UOM              | Technical Specification   | Certificate Number        |
|-----------------------------------|-----------------------|-----------------|------------------|---|---------------------------|
| Geometry                          | various               | Complies        |                  | EN14592 section 5/6   | GEOM13165TS06310041457    |
| Yield Moment                      | $M_{y,k}$             | 15688           | Nmm              | EN14592 clause 6.3.4.1-6.3.4.2 to EN409:2009  | YMTS063100F1316541460     |
| Withdrawal Parameter              | $f_{ax,k}$            | 15.1            | Nmm <sup>2</sup> | EN14592 clause 6.3.4.3 to EN1382:1999<br>characteristic timber density C16 310 Kg/m <sup>3</sup>  | WDRAWF13165TS06310041457  |
| Head Pull through Parameter       | $f_{head,k}$          | 18.7            | Nmm <sup>2</sup> | EN14592 clause 6.3.4.4 to EN1383:2007<br>characteristic timber density C16 310 Kg/m <sup>3</sup>  | PUTHRF13165TS06310041464  |
| Characteristic Tensile Capacity   | $f_{tens,k}$          | 17.2            | kN               | EN14592 clause 6.3.4.5 to EN1383:2007   | PULOFFF13165TS06310041459 |
| Characteristic Torsional Strength | $f_{tor,k}$           | 17.95           | Nmm              | EN14592 clause 6.3.4.6 to EN10666   | TQSTRF13165TS06310041443  |
| Characteristic Torsional Ratio    | $f_{tor,k}/R_{tor,k}$ | 2.8<br>Complies |                  | EN14592 clause 6.3.4.6 to EN15737:2009<br>characteristic timber density C16 310 Kg/m <sup>3</sup> | TQRESF13165TS06310041451  |
| Material                          |                       | C1022or10B21    |                  | Carbon steel to EN10016   | FPC                       |
| Durability                        |                       | Organic         |                  | Service class 3 according to EN1995-1-1   | FPC                       |



Stewart Taylor - Director  
 On behalf of Aptus Fastener Systems Ltd