

## Declaration of Performance 603-1686-1

1. **DIN 603 Mushroom Head Square Neck Bolts** of the following diameters:

**M6, M8, M10, M12 and M16**

2. Batch numbered labels are attached to box or pack to allow batch identification  
3. **DIN 603 Mushroom Head Square Neck Bolts** are intended for use in timber structures.  
4. Manufacturer:

**Hexstone Limited t/as Owlett-Jaton,  
Opal Way, Stone,  
Staffordshire ST15 0SW  
Factory number 495**

5. Tested to EN 14592:2008 under system 3 by

**SHR  
"Het Cambium"  
Nieuwe Kanaal 9b, P.O. Box 497  
6700 AL Wageningen,  
The Netherlands  
Notified body Number 1686**

Report number 12.0873 07.03.2013 & 12.0873-2 11.07.2013

6. Declared Performance for Essential Characteristics to EN 14592:2008+A1:2012

| Bolt Size                    | M6       | M8       | M10      | M12      | M16       |
|------------------------------|----------|----------|----------|----------|-----------|
| Nominal Diameter, D Nom      | 6 mm     | 8 mm     | 10 mm    | 12 mm    | 16 mm     |
| Bolt Grade ISO 898-1:2013    | 4.8      | 4.8      | 4.8      | 4.8      | 4.8       |
| Yield Moment, My,k           | 11434Nmm | 26438Nmm | 46945Nmm | 75273Nmm | 125894Nmm |
| Material used for production | C1008    | C1008    | C1008    | C1008    | C1008     |

| Coating                              | Durability                               |
|--------------------------------------|------------------------------------------|
| Zinc and Clear Passivated 3μ         | Service Class 2 according to EN 1995-1-1 |
| Hot Dip galvanised to min 40 microns | Service Class 3 according to EN 1995-1-1 |

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

Signed for and on behalf of the manufacturer by:

**John Barker Purchasing Director Owlett-Jaton**

Signature:

*J Barker*

Date:

*15/7/2013*