

Declaration of Performance-5184-1686

1. **Indented Hexagon Washer Head TimberDrive Screws** in the following sizes:
 7mm x 75mm, 90mm, 100mm, 150mm 200mm and 250mm
2. Batch numbered labels are attached to box or pack to allow batch identification
3. **TimberDrive Screws** are intended for use in timber structures and landscaping.
4. Manufacturer:

**Hexstone Limited t/as Owlett-Jaton,
Opal Way, Stone,
Staffordshire ST15 0SW
Factory 486**

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 code 11.0910 issued 21st December 2011

6. Declared Performance for 7mm diameter screws identified in point 1
 Material specification used in manufacture: C1022 or 10B21

Essential Characteristics		Performance
Mechanical Strength and Stiffness under EN 14592:2008		
Characteristic yield moment	$M_{y,k}$	23008 Nmm
Characteristic withdrawal parameter in Spruce 450 kg/m ³ WMC 13%	$F_{ax,k}$	12.5 Nmm ²
Characteristic head pull-through parameter in Okoume plywood, 18mm, 525 kg/m ³ , EN 314 class 3	$F_{head,k}$	25 Nmm ²
Characteristic torsional resistance in Spruce 450 kg/m ³ WMC 13%	$R_{tor,k}$	3.6 Nm
Characteristic torsional ratio in Spruce 450 kg/m ³ WMC 13%		6.75
Characteristic tensile capacity	$F_{tens,k}$	414.4 Nmm ²
Coating		Magni 599
Durability	Service class 3 according to EN 1995-1-1	

7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:
Nick Horton, Purchasing Director, Owlett-Jaton

Signature:



Place and Date of issue:

