

Declaration of Performance 5037-1686

1. **Annular Ring Shank Nails** in each of the following diameter:

2.0mm, 2.65mm, 3.35mm, 3.75mm and 5.0mm

2. Batch numbered labels are attached to box or pack to allow batch identification
 3. **Annular Ring Shank Nails** are intended for use in timber structures.
 4. Manufacturer:

**Hexstone Limited t/as Owlett-Jaton,
Opal Way, Stone,
Staffordshire ST15 0SW
Factory 474**

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 13.0367 issued 3rd September 2013

6. Declared Performance for Essential Characteristics to EN 14592:2008+A1:20012

Nail diameter, d	2.0mm	2.65mm	3.35mm	3.75mm	5.0mm
Yield Moment, My,k	934 Nmm	2188Nmm	4342Nmm	6215Nmm	11547Nmm
Withdrawal parameter, fax,k Pk = 450kg/m ³ Spruce at WMC 12%	3.9N/mm ²	6.4N/mm ²	8.3N/mm ²	4.5N/mm ²	5.1N/mm ²
Head pull-through parameter, fhead,k Pk = 525kg/m ³ Okoumé plywood 18mm, class 3 EN 413.	32.3N/mm ²	54.4N/mm ²	47.5N/mm ²	41.3N/mm ²	37.7N/mm ²
Tensile capacity, ftens,k	2.29kN	3.26kN	5.5Kn	7.35kN	10.1kN
Material used for production in accordance with EN 10016-2:1994	C10D	C10D	C18D	C18D	C18D
Service Class according to EN 1995-1-1	Class 1				Class 2

7. The performance of the mentioned products is in conformity with the declared performance given below.
 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:



Date:

16/9/2013