

## Declaration of Performance – 5178-1015

1. **UNIFIX Decking Screws** in the following diameters:

**8g, and 10g**

2. Batch numbered labels are attached to box or pack to allow batch identification
3. **UNIFIX Decking Screws** in the above diameters are intended for use in load bearing structural timber products.
4. Manufacturer:

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

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

**Strojirensky zkusebni ustav, s.p.  
Notified Body NB 1015**

**Reports:**

8g 30-10050/1

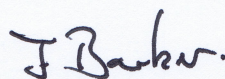
10g 30-10050/2

6. Declared Performance for the **UNIFIX Decking Screws** identified is given below.
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:

13/1/2014



UNIFIX Decking Screws Performance data under EN14592:2008+A1:2012

Essential Characteristics		Unit	8g	10g
Material			Hardened Carbon Steel C1018 or C1022	
Characteristic yield moment in thread section	M <sub>y,k</sub>	N/mm <sup>2</sup>	5543	9282
Characteristic withdrawal parameter in timber Loading across the fibre	F <sub>ax,k</sub>	N/mm <sup>2</sup>	16.67	16.89
	PK	Kg/m <sup>3</sup>	400	400
Characteristic withdrawal parameter in timber Loading along the fibre	F <sub>ax,k</sub>	N/mm <sup>2</sup>	13.93	13.48
	PK	Kg/m <sup>3</sup>	400	400
Characteristic head pull-through parameter in timber	F <sub>head,k</sub>	N/mm <sup>2</sup>	23.08	20.42
	PK	Kg/m <sup>3</sup>	400	400
Characteristic tensile capacity	F <sub>tens,k</sub>	KN	7.51	9.53
Characteristic torsional ratio			4.19	4.19
	PK	Kg/m <sup>3</sup>	450	450
Durability:			Zinc and organic coated Service condition 3 according to EN 1995-1-1	
Safety in case of fire according to EN13501-1			Euroclass A1	

UNIFIX Decking Screws Dimensional data

Dimension		Unit	8g (4.2mm)	10g (4.8mm)
	Head Diameter dh	mm	8.00 mm	9.50 mm
	Min	mm	8.00 mm	10.00 mm
	Max	mm	8.50 mm	10.00 mm
Inner Thread Diameter d1	Min	mm	2.65 mm	2.90 mm
	Max	mm	2.90 mm	3.20 mm
Thread Length l <sub>g</sub>	1.1/2"	Inch	1"	
	2"	Inch	1.1/3"	
	2.1/2"	Inch	1.2/3"	
	3"	Inch	2"	2"