

Declaration of Performance  
CW0028

1. Unique identification code of the product-type:

**Chipboard screw with flat head, yellow zinc plated**

**Trademark: Goldscrew**

**Diameter: Ø5.0mm**

**Length: 25 – 120 mm**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

**As per markings on packaging**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

**For use in load bearing timber structures**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**Screws Ltd. BA22 8RT**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**N/A**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

**System: 3**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

**EN 14592:2008 +A1:2012**

**Strojirensky zkusebni ustav (SZU), s.p., Brno, Czech Republic (NB 1015)**

8. Declared performance

<b>Essential characteristics</b>	<b>Performance</b>	<b>Characteristic density of wood</b>	<b>Harmonised technical specification EN 14592:2008 +A1:2012 Clauses</b>
<b>Characteristic yield moment</b>	<b><math>M_{y,k}=7479</math> Nmm</b>	<b>N/A</b>	<b>Screws 6.3.4.1 - 6.3.4.2</b>
<b>Characteristic withdrawal parameter</b>	<b><math>f_{ax,k}=19.59</math> N/mm<sup>2</sup> Coating: type 1</b>	<b><math>\rho_k=470</math> kg/m<sup>3</sup></b>	<b>Screws 6.3.4.3</b>
<b>Characteristic head pull through parameter</b>	<b><math>f_{head,k}=25.28</math> N/mm<sup>2</sup></b>	<b><math>\rho_k=440</math> kg/m<sup>3</sup></b>	<b>Screws 6.3.4.4</b>

<b>Characteristic tensile capacity</b>	<b><math>f_{\text{tens,k}}=9.08\text{kN}</math></b>	<b>N/A</b>	<b>Screws 6.3.4.5</b>
<b>Characteristic torsional rasion</b>	<b>1.80</b>	<b><math>\rho_k=450 \text{ kg/m}^3</math></b>	<b>Screws 6.3.4.6</b>
<b>Durability (Corrosion protection)</b>	<b>Yellow zinc plated according to ISO 4042 (Service Class 1 acc. to EN 1995-1-1)</b>	<b>N/A</b>	<b>Screws 6.3.5</b>

9. 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

Authorised Signatory



Name: Peter Harries

Quality Assurance Manager

Screws Ltd

15.05.2013