

# Declaration of Performance

No : CE-DOP-002



**REISSER** Ltd Bramhall Moor Technology Park, Pepper Road, Hazel Grove, Stockport SK7 5BW

In accordance with the Construction Products Regulation, we of REISSER LTD hereby declare the;

## **REISSER**® R2 Screws 3.5mm

Meets the requirements detailed in Annex ZA of the following harmonized standard;

**BS EN14592:2008 + A1 2012**

### **Timber structures - Dowel type fastener requirements**

We declare that when used as intended the products named above comply with the relevant sections of the specification and all applicable requirements of the directives.

<b>Dimensions:</b> Diameter = 3.5mm Head Area = 34.1mm <sup>2</sup> Length = As stated on product <small>For detailed geometry results see reports: GEOMF13120R2,3.5,1612.06.2013 &amp; GEOMF13120R2,3.5,5012.06.2013</small>	<b>Mechanical Strength &amp; Stiffness:</b> Characteristic yield moment $M_y = 2657 \text{ Nmm}$  Characteristic withdrawal resistance perpendicular to grain $f_{ax,90} = 19.9 \text{ N/mm}^2$ <small>Timber density <math>\rho = 350 \text{ kg/m}^3</math> (Grade C16 @65%RH@20°C, Coating Class 1)</small>
<b>Material:</b> Carbon Steel Rod to EN10268	Head pull through resistance $f_{\text{head}} = 16.5 \text{ N/mm}^2$ <small>Timber density <math>\rho = 650 \text{ kg/m}^3</math> (Grade OSB3 @65%RH@20°C, Coating Class 1)</small>
<b>Corrosion protection:</b> Yellow tropicalized, Zinc Plated (5-8mic) and Wax 1:3 (Service Class 1 according to EN1995-1-1)	Tensile resistance (head pull off) $f_{\text{tens}} = 5 \text{ kN}$  Torsional Ratio $\geq 1.5 = \text{pass}$

The Initial type testing has been carried out to level 3 attestation by an independent notified body;

**BM TRADA, NB # 1224** Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND

And are controlled during manufacture by a FPC system that conforms to: **ISO 9001 : 2008**

All declared performance data is as detailed on the summary sheets for each screw diameter and the full test reports.

These are available on request and can be viewed at [www.reisser.co.uk](http://www.reisser.co.uk) and are contained in the relevant technical file that is monitored and maintained by an authorised person;

Patrick Meads of Reisser Ltd, Bramhall Tech Park, Pepper Road, Hazel Grove, Stockport, SK7 5BW

Signed for and on behalf of Reisser Ltd :

Patrick Meads

Director

26<sup>TH</sup>

day of

JUNE

2013

Bramhall Moor Technology Park, Pepper Road, Hazel Grove, Stockport, SK7 5BW