

Declaration of Performance

No : CE-DOP-005



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 5.0mm

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.

Dimensions: Diameter = 5mm Head Area = 69.9mm ² Length = As stated on product <small>For detailed geometry results see reports: GEOMF13120R2,5,0,4012.06.2013 & GEOMF13120R2,5,0,100p13.06.2013</small>	Mechanical Strength & Stiffness: Characteristic yield moment $M_y = 6689 \text{ Nmm}$ Characteristic withdrawal resistance perpendicular to grain $f_{ax,90} = 16.3 \text{ N/mm}^2$ <small>Timber density $\rho^k = 350 \text{ kg/m}^3$ (Grade C16 @65%RH@20°C, Coating Class 2)</small>
Material: Carbon Steel Rod to EN10268	Head pull through resistance $f_{\text{head}} = 10.3 \text{ N/mm}^2$ <small>Timber density $\rho^k = 650 \text{ kg/m}^3$ (Grade OSB3 @65%RH@20°C, Coating Class 2)</small>
Corrosion protection: Yellow tropicalized, Zinc Plated (5-8mic) and Wax 1:3 (Service Class 2 according to EN1995-1-1)	Tensile resistance (head pull off) $f_{\text{tens}} = 10.3 \text{ kN}$ 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 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

26TH

day of

JUNE

2013

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