

# Declaration of Performance

No : CE-DOP-19



**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**® RETINOX Screws 4.5mm

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.

#### **Dimensions:**

Diameter = 4.5mm  
Head Area = 55.1mm<sup>2</sup>  
Length = As stated on product

**Material:** 304 Unhardened

#### **Corrosion protection:**

SS 304 A2 Stainless Steel  
Wax 1.3 (Service Class 3 according to EN1995-1-1)

#### **Mechanical Strength & Stiffness:**

Characteristic yield moment  $M_y = 3246 \text{ Nmm}$

Characteristic withdrawal resistance perpendicular to grain  $f_{ax,90} = 17.6 \text{ N/mm}^2$   
Timber density  $\rho = 518 \text{ kg/m}^3$  (Grade C16 @65%RH@20°C, Coating Class 1)

Head pull through resistance  $f_{head} = 12 \text{ N/mm}^2$   
Timber density  $\rho = 650 \text{ kg/m}^3$  (Grade OSB3 @65%RH@20°C, Coating Class 1)

Tensile resistance (head pull off)  $f_{tens} = 4.13 \text{ kN}$

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