

OPTIMAXX[®]

OPTIMUM DESIGN, MAXIMUM PERFORMANCE

CE DECLARATION OF PERFORMANCE

Torx Drive
Maximum torque transfer

Cylindrical Head
Barely visible entry hole

Stainless Steel
Lifetime exterior

Arrow Shaped Point
Fast start & minimizes risk of splintering

Top Thread
Clamps boards to joist

Timber Decking

Composite Decking

Hardwood Decking

STAINLESS STEEL DECKING SCREW

DECLARATION OF PERFORMANCE

in accordance with the Construction Products Regulations

Release: 001



Product Type: Optimaxx Extreme Performance Stainless Steel Decking Screws 4.8 mm Diameter

Material: Stainless steel A2-70, passivated, wax

Specifications: Coarse thread, arrow point

**Manufacturer/
Importer:** ROYD
Saxon House,
23 Springfield Lyons Approach,
Springfield,
Chelmsford,
CM2 5LB

**Notified
Testing Body:
for ITT**

Strojírenský zkušební
ústav, s.p.
Hudcova 424/56b
621 00 Brno
Czech Republic
Tel: +420 541 120 111
www.szutest.cz

Tested To: EN 14592:2008+A1:2012

TECHNICAL PARAMETERS

Product	Characteristic yield moment $M_{y,k}$ [Nmm]	Characteristic withdrawal parameter $f_{ax,k}$ [N/mm ²]		Characteristic head pull-through parameter $f_{head,k}$ [N/mm ²]	Characteristic tensile capacity $f_{tens,k}$ [kN]	Characteristic torsional ratio
-	-	perpendicular to the grain	parallel to the grain	-	-	-
Decking Screw Ø 4,8mm	2 219	15,03	10,06	35,89	4,26	1,54
Characteristic density of wood P_k [kg/m ³]	-	350		350	-	450
Durability (i.e. corrosion protection)	stainless steel A2-70 (Service Class 3 acc. to EN 1995-1-1)					

ROYD No. 10345480

DECLARATION OF PERFORMANCE

in accordance with the Construction Products Regulations

Release: 001



DECLARATION OF PERFORMANCE

OPTIMAXX EXTREME PERFORMANCE STAINLESS STEEL DECKING SCREWS 4.8 MM

Have been tested by the following independent testing organisation:

Notified Testing Body

Strojírenský zkušební ústav, s.p.

And that they have performed initial type testing under system 3, Annex V of the regulation (EU) no. 305/2011 (Construction Products Regulation), with the reference to the harmonised European standard. EN 14592:2008+A1:2012 "Screws for timber constructions"

This declaration of conformity is valid until there is a significant change in the product and declared characteristics. i.e. raw material or change in production process.

OPTIMAXX EXTREME PERFORMANCE STAINLESS STEEL DECKING SCREWS

Diameter 4.8 mm

Signed By:

A handwritten signature in black ink, appearing to be 'N. Shimwell', written over a light blue background.

Name: Norman Shimwell

Position: Sales Director

Release Date: 12/04/2021

Test Date: 31/03/2021

Saxon House, 23 Springfield Lyons Approach, Springfield, Chelmsford CM2 5LB
Reg: 10345480

ROYD No. 10345480