



Declaration of Performance



10.1.2020

Document No.: 98172-41844-01
Item No.: 502098172
Description.: Collated decking screw, brown Ruspert coated
Diameter: 4,2mm
Length: 55 mm
Type of recess: Phillips
Thread: Partial
Head: Flat countersunk
Point: Type 17 cutting edge; saw thread; milling ribs on shank
Intended use: Load bearing timber constructions
Material: Stainless steel 410
Assessment system: System 3+
Report No.: 30-14511/JP
Certificate No.: CPR-J-02666-19
Notified body / test laboratory: Strojírenský zkušební ústav s.p. N.B. 1015

Declaration of Performance of construction product

Essential characteristics	Performance		Density of wood (kg/m ³)	Harmonized technical specification
Nominal diameter (mm)	3.9-4.3mm			EN14592:2008+1:2012
Inner thread diameter (mm)	2.4-2.7mm			EN 14592:2008+A1:2012
Head diameter (mm)	7.0-7.5mm			EN 14592:2008+A1:2012
Total length (mm)	53.5-56.5mm			EN 14592:2008+A1:2012
Thread length (mm)	26-29mm			EN 14592:2008+A1:2012
Tensile capacity (kN)	6,38			EN 14592:2008+A1:2012
Yield moment (Nmm) (I ₂ =1d)	2958			EN 14592:2008+A1:2012
Head pull-through parameter (N/mm ²)	23,46		350	EN 14592:2008+A1:2012
Withdrawal parameter (N/mm ²)	Perpendicular to the grain	17,59	350	EN 14592:2008+A1:2012
	Parallel to the grain	11,66	350	EN 14592:2008+A1:2012
Torsional ratio (Nm)	3,23		350	EN 14592:2008+A1:2012
Durability	Service Class 3			EN1995-1-1

The manufacturer declares for:

The product is in accordance with EN 14592:2008+A1:2012 Timber structures-Dowel-type fasteners-Requirements.

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