

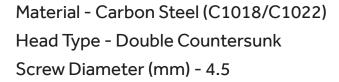
Date: 22/03/2022

v1

Declaration of Performance

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Decking Screws





We hereby declare these designated products 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 (hEN) BS EN 14592:2008+A1:2012 (Timber structures - Dowel type fasteners - Requirements) for screws intended for the use in "load bearing timber structures" and produced the calculation/test reports as attached;

The initial type testing has been carried out by independent notified body; Strojirensky Zkusebni Ustav, NB # 1015, Hudcova 424/56B, 621 00 Brno-Medlánky, Czechia

Certificate Number: E-30-20177-16 Test Report Number: No. 30-10744

Factory Process Control (FPC) has been established by the factory.

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

This declaration is the responsibility of the importer ; T.I.Midwood & Co. Ltd.





Date: 22/03/2022

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Decking Screws

Double Countersunk Head - Ø4.5mm

Material & Geometry

Material	Carbon Steel (C1018/C1022)
Screw diameter (mm)	4.5
Head diameter (mm)	8.76
Inner thread diameter (mm)	2.70
Mechanical Strength & Stiffness	
Characteristic yield moment M _{y,k} at 15° [Nmm] (thread section) in acc. to EN 409	4082
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm ²] in acc. to with density of wood ρ_k = 400kg/m ³	to EN 1382 16.32
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. to with density of wood ρ_k = 400kg/m³	EN 1382 11.56
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm ²] in acc. to EN 1383 with density of wood ρ_k = 350kg/m ³	20.09
Characteristic tensile capacity f _{tens,k} [kN] in acc. to EN 1383	6.30
Characteristic torsional ratio in acc. to EN 15737 with density of wood ρ_k = 450kg/m ³	3.01

Durability

Coating (Finish) Green Organic

Corrosion protection Service Class 2 acc. to EN 1995-1-1