

Declaration of Performance

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C2 Tongue-Fix Premium Screws

Material - Carbon Steel (C1022) Head Type - Reduced Countersunk Screw Diameter (mm) - 3.5 CE

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;

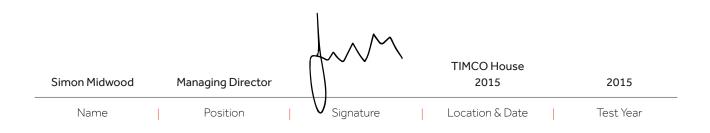
The initial type testing has been carried out by independent notified body; Strojirensky Zkusebni Ustav, NB # 1015, Hudcova 424/56B, 621 00 Brno-Medlánky, Czechia

Certificate Number: E-30-20234-15 Test Report Number: No. 30-10509

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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C2 Tongue-Fix Premium Screws

Reduced Countersunk Head - Ø3.5mm

Material & Geometry

Material	Carbon Steel (C1022)
Screw diameter (mm)	3.5
Head diameter (mm)	4.66
Inner thread diameter (mm)	2.22

Mechanical Strength & Stiffness

Characteristic yield moment My.k at 18° [Nmm] (thread section) in acc. to EN 409	2253
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm ²] in acc. to EN 1382 with density of wood ρ_k = 370kg/m ³	16.08
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm ²] in acc. to EN 1382 with density of wood ρ_k = 370kg/m ³	11.11
Characteristic head pull-through parameter $f_{\text{tens,k}}$ [N/mm ²] in acc. to EN 1383 with density of wood ρ_k = 450kg/m ³	22.94
Characteristic tensile capacity <i>f</i> tens.k[kN] in acc. to EN 1383	4.56
Characteristic torsional ratio in acc. to EN 15737 with density of wood $\rho_k = 450 \text{kg/m}^3$	4.01

Durability

Coating (Finish)	Zinc or Yellow
Corrosion protection	Service Class 1 acc. to EN 1995-1-1