Date: 06/10/2022
v2

Declaration of Performance

Drive Screw Nails

CE

Material - Carbon Steel

Head Type - Flat

Nail Diameter (mm) - 5.40, 6.40

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: E30-20423-16 & E-30-20426-16
Test Report Number: No. 30-10775/9 & 30-10775/12

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

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

Simon Midwood	Managing Director		TIMCO House 2016	2016
Name	Position	Signature	Location & Date	Test Year

Declaration of Performance

Drive Screw Nails

Flat Head - Ø5.40mm

Material & Geometry

Material	Carbon Steel
Diameter (mm)	5.40
Head area (mm^2)	115.98
Point length (mm)	6.33

Mechanical Strength & Stiffness

Characteristic yield moment $M_{y,k}$ at 45° [Nmm] in acc. to EN 409	18611
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm^2] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	3.81
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm^2] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	2.76
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm^2] in acc. to EN 1383 with density of wood $\rho_k = 380 kg/m^3$	19.81
Characteristic tensile capacity $f_{tens,k}$ [kN] in acc. to EN 1383	12.43

Durability

Coating (Finish)	Galvanised coating
Corrosion protection	Service Class 2 acc. to EN 1995-1-1

Date: 06/10/2022

Cert No: E-30-20426-16

Test Report No: 30-10775/12

Declaration of Performance

Drive Screw Nails

Flat Head - Ø6.40mm

Material & Geometry

Material	Carbon Steel
Diameter (mm)	6.40
Head area (mm^2)	121.72
Point length (mm)	6.46

Mechanical Strength & Stiffness

Characteristic yield moment $M_{y,k}$ at 45° [Nmm] in acc. to EN 409	39941
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm^2] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	3.94
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm^2] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	2.87
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm^2] in acc. to EN 1383 with density of wood $\rho_k = 380 kg/m^3$	22.50
Characteristic tensile capacity $f_{tens,k}$ [kN] in acc. to EN 1383	21.74

Durability

Coating (Finish)	Galvanised coating
Corrosion protection	Service Class 2 acc. to EN 1995-1-1