

Date: 24/05/2022

v1

## **Declaration of Performance**

No. DOP-03-GLN-04-S2011 / Page 1 of 3

#### **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;

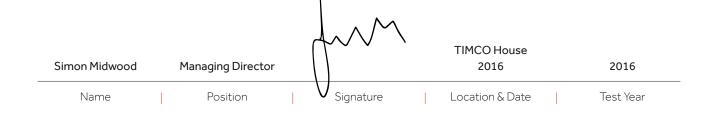
The initial type testing has been carried out by independent notified body; Strojirensky Zkusebni Ustav, NB # 1015, Hudcova 424/56B, 621 00 Brno-Medlánky, Czechia

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 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: 24/05/2022

Cert No: E-30-20423-16 Test Report No: 30-10775/9

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### **Drive Screw Nails**

Flat Head - Ø5.40mm

#### Material & Geometry

Material	Carbon Steel
Screw diameter (mm)	5.40
Head area (mm²)	115.98
Point length (mm)	6.33
Mechanical Strength & Stiffness	
Characteristic yield moment M <sub>y,k</sub> at 45° [Nmm] in acc. to EN 409	18611
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k$ = 350kg/m³	3.81
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k$ = 350kg/m³	2.76
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm <sup>2</sup> ] in acc. to EN 1383 with density of wood $\rho_k$ = 380kg/m <sup>3</sup>	19.81
Characteristic tensile capacity f <sub>tens,k</sub> [kN] in acc. to EN 1383	12.43

#### **Durability**

Coating (Finish) Galvanised coating

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



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Cert No: E-30-20426-16

Test Report No: 30-10775/12

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### **Drive Screw Nails**

Flat Head - Ø6.40mm

#### Material & Geometry

Material	Carbon Steel
Screw diameter (mm)	6.40
Head area (mm²)	121.72
Point length (mm)	6.46
Mechanical Strength & Stiffness	
Characteristic yield moment M <sub>y,k</sub> at 45° [Nmm] in acc. to EN 409	39941
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm <sup>2</sup> ] in acc. to EN 1382 with density of wood $\rho_k$ = 350kg/m <sup>3</sup>	3.94
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k$ = 350kg/m³	2.87
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm <sup>2</sup> ] in acc. to EN 1383 with density of wood $\rho_k$ = 380kg/m <sup>3</sup>	22.50
Characteristic tensile capacity f <sub>tens,k</sub> [kN] in acc. to EN 1383	21.74

#### **Durability**

Coating (Finish) Galvanised coating

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