Date: 22/03/2022
v1

Declaration of Performance

Classic Multi-Purpose Screws

CE

Material - Stainless Steel A2 (304)

Head Type - Pan

Screw Diameter (mm) - 3.5, 4.0, 5.0, 6.0

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: CPR-J-02538-19 to CPR-J-02541-19
Test Report Number: No. 1015-CPR-30-14536/1/JZ to 1015-CPR-30-14536/4/JZ

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 2019	2019
Name	Position	Signature	Location & Date	Test Year

Date: 22/03/2022

Cert No: CPR-J-02538-19

Test Report No: 1015-CPR-30-14536/1/JZ

Declaration of Performance

Classic Multi-Purpose Screws

Pan Head - Ø3.5mm

Material & Geometry

Material	Stainless Steel A2 (304)
Screw diameter (mm)	3.5
Head diameter (mm)	6.85
Inner thread diameter (mm)	2.25

Mechanical Strength & Stiffness

Characteristic yield moment (Thread) $M_{y,k}$ [Nmm] in acc. to EN 409	1353
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood ρ_k = 350kg/m³	17.55
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood ρ_k = 350kg/m³	12.89
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm²] in acc. to EN 1383 with density of wood ρ_k = 350kg/m³	33.60
Characteristic tensile capacity $f_{tens,k}$ [kN] in acc. to EN 1383	2.93
Characteristic torsional ratio in acc. to EN 15737 with density of wood ρ_k = 350kg/m³	1.51

Durability

Coating (Finish)	N/A
Corrosion protection	Service Class 3 acc. to EN 1995-1-1

Declaration of Performance

Classic Multi-Purpose Screws

Pan Head - Ø4.0mm

Material & Geometry

Material	Stainless Steel A2 (304)
Screw diameter (mm)	4.0
Head diameter (mm)	7.90
Inner thread diameter (mm)	2.50

Mechanical Strength & Stiffness

Characteristic yield moment (Thread) $M_{y,k}$ [Nmm] in acc. to EN 409	1521
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	17.13
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	13.59
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm²] in acc. to EN 1383 with density of wood $\rho_k = 350 kg/m^3$	29.62
Characteristic tensile capacity $f_{tens,k}$ [kN] in acc. to EN 1383	3.70
Characteristic torsional ratio in acc. to EN 15737 with density of wood $\rho_k = 350 kg/m^3$	1.52

Durability

Coating (Finish)	N/A
Corrosion protection	Service Class 3 acc. to EN 1995-1-1

Date: 22/03/2022

Cert No: CPR-J-02540-19

Test Report No: 1015-CPR-30-14536/3/JZ

Declaration of Performance

Classic Multi-Purpose Screws

Pan Head - Ø5.0mm

Material & Geometry

Material	Stainless Steel A2 (304)
Screw diameter (mm)	5.0
Head diameter (mm)	9.71
Inner thread diameter (mm)	3.10

Mechanical Strength & Stiffness

Characteristic yield moment (Thread) $M_{y,k}$ [Nmm] in acc. to EN 409	3550
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	16.64
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	12.72
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm²] in acc. to EN 1383 with density of wood $\rho_k = 350 kg/m^3$	27.31
Characteristic tensile capacity $f_{tens,k}$ [kN] in acc. to EN 1383	5.66
Characteristic torsional ratio in acc. to EN 15737 with density of wood $\rho_k = 350 kg/m^3$	1.97

Durability

Coating (Finish)	N/A
Corrosion protection	Service Class 3 acc. to EN 1995-1-1

Date: 22/03/2022

Cert No: CPR-J-02541-19

Test Report No: 1015-CPR-30-14536/4/JZ

Declaration of Performance

Classic Multi-Purpose Screws

Pan Head - Ø6.0mm

Material & Geometry

Material	Stainless Steel A2 (304)
Screw diameter (mm)	6.0
Head diameter (mm)	11.7
Inner thread diameter (mm)	3.69

Mechanical Strength & Stiffness

Characteristic yield moment (Thread) $M_{y,k}$ [Nmm] in acc. to EN 409	5823
Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	16.10
Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k = 350 kg/m^3$	17.72
Characteristic head pull-through parameter $f_{tens,k}$ [N/mm²] in acc. to EN 1383 with density of wood $\rho_k = 350 kg/m^3$	24.88
Characteristic tensile capacity $f_{tens,k}$ [kN] in acc. to EN 1383	8.12
Characteristic torsional ratio in acc. to EN 15737 with density of wood $\rho_k = 350 kg/m^3$	2.09

Durability

Coating (Finish)	N/A
Corrosion protection	Service Class 3 acc. to EN 1995-1-1