

Declaration of Performance (DoP) in acc. with EU-regulation 305/2011, Annex III
No. FP114060201

1 Unique identification code of the product-type:

Dowel type fasteners: EASY FIX wood screws

2 Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

See label on the box

3 Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Screws intended for use in load bearing timber structures

4 Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Fong Prean Industrial Co., Ltd. / No.6, Gong-Wei St., Ziguan Dist., Kaohsiung City 82649, Taiwan
(R.O.C.)

5 Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

NPD

6 System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7 In case of the declaration of performance concerning a construction product covered by a harmonised standard:

Authorized body:
Standard:

Strojirensky Zkušební Ustav, s.p.; NB Nr. 1015
EN 14592:2008+A1:2012

8 In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

NPD

9 Declared performance:

Essential Characteristics		Performance						Harmonised technical specification
		3mm	3.5mm	4mm	4.5mm	5mm	6mm	
Mechanical strength & stiffness								
Characteristic yield moment (Nmm) - $M_{y,k}$	Threaded part	1 691	3 306	3 855	5 270	6 885	10 044	EN 14592:2008 + A1:2012 clauses 6.3.4.1 & 6.3.4.2 EN 409
	Smooth part							
Characteristic withdrawal parameter (N/mm ²) - $f_{ax,k}$	across fibre	18.21	17.85	19.57	18.39	17.12	17.05	EN 14592:2008 + A1:2012 - clause 6.3.4.3 EN 1382
	along fibre	10.97	10.95	10.99	10.76	10.35	13.07	
Characteristic head pull-through parameter (N/mm ²) - $f_{head,k}$		27.99	25.67	23.50	22.98	20.17	18.71	EN 14592:2008 + A1:2012 - clause 6.3.4.4 EN 1383 timber density: 440kg/m ³
Characteristic tensile capacity (kN) - $f_{tens,k}$		3.04	4.47	5.70	7.65	8.86	11.59	EN 14592:2008 + A1:2012 - clause 6.3.4.5 EN 1383
Characteristic torsional ratio - $R_{tor,k}$		4.04	4.53	4.04	4.31	3.64	3.52	EN 14592:2008 + A1:2012 - clause 6.3.4.5 EN 10666 timber density: 450kg/m3
Durability								
Material		Carbon steel						EN 14592:2008 + A1:2012 - clause 6.3.2
Corrosion protection		Zinc plated: C2, SC1 Corrosion protective coating 500h: C3, SC3 Corrosion protective coating 2000h: C4, SC3						EN 14592:2008 + A1:2012 - clause 6.3.5 No corrosion protective coating required for Service Class 1 acc. To EN 1995-1-1
Safety in case of fire		A1						EN 13501-1:2007 +

10 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

LIN TENG HUNG

Lin Teng Hung , President
Taiwan, 2025.06.02