

EC DECLARATION OF PERFORMANCE

According to
Construction Products Regulation : (EU) No. 305/2011

Linkwell Industry Co., Ltd.

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Declare under our sole responsibility that the product:

DOP No : E-30-20210303-1

Drawing No : LW002698-R1

Product : Chipboard screws Pan Head

Intended use : For timber structure load.

Type, batch or serial number :

M4 (534160 、 534200) , **M4.5** (534290 、 534320) , **M5** (534350 、 534390 、 534400)

Product identification and the initial-type findings: Refer to Annex I (Page 2)

To which this declaration relates is in conformity with

System 3 of (EU) No. 305/2011 and EN 14592:2008+A1:2012

and are tested by

STROJÍRENSKÝ ZKUŠEBNÍ ÚSTAV, s. p. (Notified Body No. 1015)

The reference test report no.:

ϕ 4.0mm / No. 30-9839/4

ϕ 4.5mm / No. 30-9839/5

ϕ 5.0mm / No. 30-9839/6



Place and date: Taiwan, 2021/05/27

Position: Quality Manager

Signature: 

ANNEX I Product identification and the initial-type testing findings

Table 1:

Product	Length	Characteristic yield moment $M_{y,k} [Nmm]$	characteristic withdrawal parameter $f_{ax,k} [N/mm^2]$		Characteristic head pull-through parameter $f_{head,k} [N/mm^2]$		Characteristic tensile capacity $f_{tens,k} [kN]$	Characteristic torsional ratio
			Perpendicular to the grain	Parallel to the grain	Pan			
Screw ϕ 4.0 mm	16-70 mm	3838	16,96	11,78	Pan	31,79	5,68	4,71
Screw ϕ 4.5 mm	18-80 mm	5318	18,33	13,93	Pan	26,46	6,63	5,06
Screw ϕ 5.0 mm	20-120 mm	8888	22,27	16,10	Pan	23,38	8,72	5,03
Material	Steel 1018-1022							
Corrosion resistance	ZINC PLATED (service class 1 acc. to EN 1995-1-1)							

threaded length (L_g) a minimum length L_g of $4d$