

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 : LW005949

Product : Chipboard screws Double Flat Head

Intended use : For timber structure load.

Type, batch or serial number :

M3 (535812、535711、535715) , **M3.5** (535819、535821、535822、535824、535444) , **M4** (535832、535833、535834、535827、535828、535829、535831、535452、535453、535455、535450、535451、534799) , **M4.5** (535842、535838、535462、535463、535464、535468、535469、535461) , **M5** (535851、535857、535843、535844、535847、535848、535849、535473、535474、535476、535477、535478、535479、535481、535472、534798) , **M6** (535863、535783、535791、535792、535793、535793、535798、535799、535803、535804、535806)

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 3.0mm / No. 30-9839/2

φ 3.5mm / No. 30-9839/3

φ 4.0mm / No. 30-9839/4

φ 4.5mm / No. 30-9839/5

φ 5.0mm / No. 30-9839/6

φ 6.0mm / No. 30-9839/7



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				
Screw ϕ 3.0 mm	15-50 mm	1996	20,49	12,82	Csk	32,26	3,55	3,59
Screw ϕ 3.5 mm	19-50 mm	2783	15,72	10,87	Csk	22,33	5,33	6,71
Screw ϕ 4.0 mm	20-70 mm	3838	16,96	11,78	Csk	20,25	5,68	4,71
Screw ϕ 4.5 mm	23-80 mm	5318	18,33	13,93	Csk	18,09	6,63	5,06
Screw ϕ 5.0 mm	25-120 mm	8888	22,27	16,10	Csk	17,72	8,72	5,03
Screw ϕ 6.0 mm	30-300 mm	15525	22,81	15,94	Csk	16,86	11,76	3,49
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 $4d$