EC DECLARATION OF PERFORMANCE

No._____

According to

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

Manufacturer/ importer(authorized representative)

Dra-Goon Fasteners Inc.

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Declare under our sole responsibility that the product:

Product: Chipboard screws

Intended use: For timber structure load.

Type, batch or serial number:_____

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.:

ϕ3.0mm / No. 30-9952/1	***ϕ3.5mm / No. 30-9952/2***	***ϕ4.0mm / No. 30-9952/3***
ϕ4.5mm / No. 30-9952/4	***ϕ5.0mm / No. 30-9952/5***	***ϕ6.0mm / No. 30-9952/6***

Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance and stability	**Reference to Annex 1**	**EN 14592:2008+A1:2012**
Safety in case of fire	**A1**	**EN 13501-1:2007+A1:2009**
Hygiene, health and the environment	**NPD**	**-**
Safety and accessibility in use	**NPD**	**-**
Protection against noise	**NPD**	**-**
Energy economy and heat retention	**NPD**	**-**
Sustainable use of natural resources	**NPD**	**-**

CE

Place and date: Taiwan,_____

Position: _____

Signature: _____

ANNEX I

Product identification and the initial-type findings:

Table 1:

Product	Length	Characteristic yield moment $M_{y,k}$ [Nmm]	characteristic withdrawal parameter $f_{ax,k}$ [N/mm²]		Characteristic head pull-through parameter $f_{head,k}$ [N/mm²]	Characteristic tensile capacity $f_{tens,k}$ [kN]	Characteristic torsional ratio
			Loading across the fibre	Loading along the fibre			
Screw ϕ 3.0 mm	16-50 mm	1 496	16,00	12,01	See Table 2	3,54	4,00
Screw ϕ 3.5 mm	18-60 mm	2 108	17,23	12,52		4,96	3,12
Screw ϕ 4.0 mm	21-110 mm	3 126	16,21	12,54		6,54	4,89
Screw ϕ 4.5 mm	23-110 mm	4 283	16,52	10,92		7,81	3,45
Screw ϕ 5.0 mm	26-180 mm	6 194	16,43	13,61		9,56	3,12
Screw ϕ 6.0 mm	30-300 mm	11 179	16,83	12,58		13,80	3,94
Material	Carbon Steel						
Corrosion resistance	Service Class 1 acc. to EN 1995-1-1						

Table 2:

Characteristic head pull-through parameter $f_{head,k}$ [N/mm²]			
Head Type	Flat head	Wafer head	Pan head
Screw ϕ 3.0 mm	30,30	32,91	38,36
Screw ϕ 3.5 mm	31,73	32,98	33,04
Screw ϕ 4.0 mm	25,39	26,03	28,76
Screw ϕ 4.5 mm	21,97	24,14	24,06
Screw ϕ 5.0 mm	21,50	23,53	22,99
Screw ϕ 6.0 mm	18,26	19,66	21,46