

EC DECLARATION OF PERFORMANCE

According to

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

Manufacturer/importer(authorized representative)
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Declare under our sole responsibility that the product:

Product: Chipboard screws

Intended use: For timber structure load.

Invoice No. : 15070002

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 3.5mm / No. 30-10035/1 ϕ 4.0mm / No. 30-10035/2 ϕ 4.5mm / No. 30-10035/3
 ϕ 5.0mm / No. 30-10035/4 ϕ 6.0mm / No. 30-10035/5 ϕ 8.0mm / No. 30-10035/6

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	-



NO.288, ERSHENG 1ST ROAD,
KAOHSIUNG 806, TAIWAN
2015/07/07

Place and date: _____

Position: 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
				Loading across the fibre	Loading along the fibre			
Screw ϕ 3.5 mm	18-60 mm	2 903		17,62	11,65	See Table 2	4,83	5,23
Screw ϕ 4.0 mm	21-80 mm	4 460		17,47	12,84		6,73	6,08
Screw ϕ 4.5 mm	23-100 mm	4 904		17,03	12,71		7,38	4,90
Screw ϕ 5.0 mm	26-150 mm	7 001		16,33	12,32		9,62	5,52
Screw ϕ 6.0 mm	30-300 mm	12350		17,32	12,36		14,01	4,24
Screw ϕ 8.0 mm	40-400 mm	Thread section	Smooth section	15,07	9,15		24,85	4,13
		24789	33199					
Material	Carbon Steel C1022							
Corrosion resistance	Zinc plated (service class 1 acc. to EN 1995-1-1)							

Table 2:

Head Type	Characteristic head pull-through parameter $f_{head,k}$ [N/mm ²]		
	Flat head	Pan head	Wafer head
Screw ϕ 3.5 mm	23,06	28,08	-
Screw ϕ 4.0 mm	21,50	26,72	-
Screw ϕ 4.5 mm	20,66	24,39	-
Screw ϕ 5.0 mm	19,77	23,82	-
Screw ϕ 6.0 mm	20,12	24,30	27,19
Screw ϕ 8.0 mm	20,80	-	23,70