

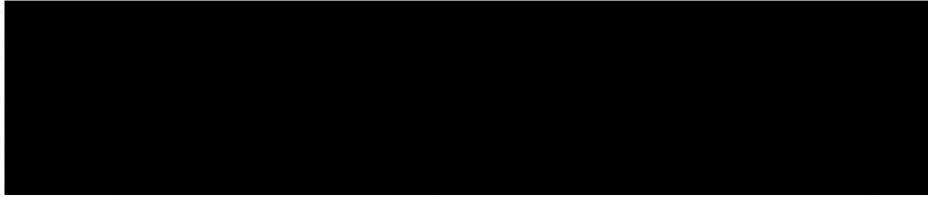
# EC DECLARATION OF PERFORMANCE

No. AIM-14592-STEEL-2

According to

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

Manufacturer/ importer(authorized representative)



Declare under our sole responsibility that the product:

**Product:** Wood 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

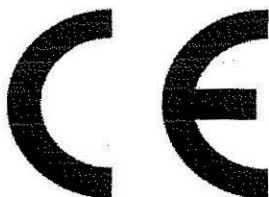
**STROJÍRENSKÝ ZKUŠEBNÍ ÚSTAV, s. p. (Notified Body No. 1015)**

The reference test report no.:

$\phi 8.0mm$  / No. 30-10177/1

$\phi 10.0mm$  / No. 30-10177/2

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	-



Place and date: Taiwan,

Position: Quality Manager

Signature: Kevin Shei

*Kevin Shei*

## 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 $\phi 8.0\text{ mm}$	32-500 mm	Threaded section	Smooth section	16,34	11,64	See Table 2	24,28	2,72	
		22 859	43 830						
Screw $\phi 10.0\text{ mm}$	40-500 mm	Threaded section	Smooth section	14,11	11,56		31,74	2,55	
		36 649	81 877						
Material	Carbon Steel SAE 1022								
Corrosion resistance	Zinc plated/yellow zinc plated (service class 1 acc. to EN 1995-1-1)								

**Table 2:**

Characteristic head pull-through parameter $f_{head,k}$ [N/mm <sup>2</sup> ]			
Head Type	Double flat head	Hex head	Truss washer head
Screw $\phi$ 8.0 mm	21,84	22,08	24,15
Screw $\phi$ 10.0 mm	21,80	20,32	26,28