



# Declaration of Performance

## VF

Self-tapping screws with countersunk head for solid base materials

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### Intended use or uses of the construction product according to EN14592

Generic type	Dowel-type wood screws
Base material	Timber structures
Material	Carbon steel acc. to SAE1022 cemented (cl.9.8) - White zinc plated 5µm acc. to ISO2081
Durability	Service class 1 and 2 acc. to Eurocode 5 EN1995-1-1
Loading	Load bearing fixing on wood constructions
Fire Reaction	A1 according to EN13501-1
No. J-30-20077-11 issued by	SZU notified body nr.1015
On the basis of	EN14592
Under System (AVCP)	3

### Declared performances according to EN14592

#### Design method Eurocode 5 - EN1995-1-1:2008 §.8.7

ESSENTIAL CHARACTERISTICS			PERFORMANCE
<b>d</b>	Nominal diameter	[mm]	7,5
<b>d<sub>h</sub></b>	Head diameter	[mm]	11,5
<b>d<sub>1</sub></b>	Inner thread diameter	[mm]	5,3
<b>M<sub>y,k</sub></b>	Characteristic yield moment	[Nmm]	23294
<b>f<sub>ax,k</sub></b>	Characteristic withdrawal parameter $\rho_k 450 \text{ kg/m}^3$	[N/mm <sup>2</sup> ]	11,2
<b>f<sub>head,k</sub></b>	Characteristic head pull-through parameter $\rho_k 500 \text{ kg/m}^3$	[N/mm <sup>2</sup> ]	30,6
<b>f<sub>tens,k</sub></b>	Characteristic tensile capacity	[kN]	22,0
<b>f<sub>tor,k</sub></b>	Characteristic torsional strength	[Nm]	25
<b>f<sub>tor,k</sub>/R<sub>tor,k</sub></b>	Characteristic ratio torsional $\rho_k 450 \text{ kg/m}^3$	[-]	2,8

The above performances apply for the following article numbers:

d <sup>1)</sup> [mm]	l <sup>2)</sup> [mm]	Cod.
7,5	40	19419b07040
	60	19419b07060
	70	19419b07070
	80	19419b07080
	90	19419b07090
	100	19419b07100
	120	19419b07120
	150	19419b07150
	180	19419b07180
	210	19419b07210
240	19419b07240	

<sup>1)</sup> Nominal diameter; <sup>2)</sup> Length.

We inform you that Friulsider is classified in the [EC 1907/2006 Reach Directive](#) as a Downstream-user of substances.

The product supplied does not contain substances classified as SVHC according to the Candidate List in a concentration equal or greater than 0.1% (weight / weight). Article 31 is not applicable to the present product.

The performances of the product identified by the above identification code are in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of **Friulsider SpA**.

Signed for and behalf of the manufacturer by:

Name and functions	Place and date of issue	Signature
Eng. Vittorio Pilla General Director	San Giovanni al Natisone, 04-11-2013	