



Declaration of Performance nr.woodpro

FM WOOD PRO

Self-tapping wood screws with countersunk head for professional use

friulsider

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Intended use or uses of the construction product according to EN14592:2008 + A1:2012

Generic type	Dowel-type wood screws
Base material	Timber structures
Material	Carbon steel acc. to SAE1022 cemented (cl.9.8) - Zinc coated Fe/Zn 8c acc. to ISO2081
Durability	Service class 1 and 2 acc. to Eurocode 5 EN 1995-1-1
Loading	Load bearing fixing for structural timber applications
Fire Reaction	A1 according to EN13501-1
No. J-30-20202-10 rev.1 No. E-30-20318-12 (d.12) issued by	SZU notified body nr.1015
On the basis of	EN14592
Under System AVCP	3

Declared performances according to EN14592:2008 + A1:2012

Essential Characteristics				Performance			
d	Nominal diameter	[mm]		6	8	10	12
d _h	Head diameter	[mm]		11,7	14,5	18	21
d _i	Inner thread diameter	[mm]		3,9	5,4	6,4	7,0
M _{y,k}	Characteristic yield moment	threaded part	[Nmm]	8493	25786	30933	64413
		smooth part	[Nmm]	-	-	-	106646
f _{ax,k}	Characteristic withdrawal parameter	pk 495 kg/m ³	across the fibre [N/mm ²]	-	-	-	15,0
		(445 kg/m ³ d.12)	along the fibre [N/mm ²]	15,6	8,6	6,1	7,8
f _{head,k}	Characteristic head pull-through parameter	pk 550 kg/m ³ (475 kg/m ³ d.12)	[N/mm ²]	20,3	16,5	13,2	17,4
f _{tens,k}	Characteristic tensile capacity		[kN]	11,2	17,8	20,7	36,3
f _{tor,k}	Characteristic torsional strength		[Nm]	10	20	35	50
f _{tor,k} / R _{tor,k}	Characteristic ratio torsional	pk 450 kg/m ³	[-]	2,7	4,8	5,7	3,9

Design method Eurocode 5 EN 1995-1-1:2008 - §.8.7

The above performances apply for the following article numbers (yellow zinc plated):

d ¹⁾ [mm]	l ²⁾ [mm]	lg ³⁾ [mm]	Cod.
6	80	50	07310d06080
	100		07310d06100
	120		07310d06120
	140		07310d06140
	160	75	07310d06160
	180		07310d06180
	200		07310d06200
	220		07310d06220
8	240	52	07310d06240
	80		07310d08080
	90		07310d08090
	100		07310d08100
	120	80	07310d08120
	140		07310d08140
	160		07310d08160
	180		07310d08180
	200		07310d08200
	220		07310d08220
	240		07310d08240
	260		07310d08260
	280		07310d08280
	300		07310d08300
	320		07310d08320
	340		07310d08340
	360		07310d08360
	380		07310d08380
	400		07310d08400

d ¹⁾ [mm]	l ²⁾ [mm]	lg ³⁾ [mm]	Cod.
10	80	52	07310d10080
	100		07310d10100
	120		07310d10120
	140		07310d10140
	160	80	07310d10160
	180		07310d10180
	200		07310d10200
	220		07310d10220
	240		07310d10240
	260		07310d10260
	280		07310d10280
	300		07310d10300
	320		07310d10320
	340		07310d10340
	360		07310d10360
12	380	80	07310d10380
	400		07310d10400
	220	120	07310d12220
	240		07310d12240
	280		07310d12280
	320		07310d12320
	360		07310d12360
	400		07310d12400

¹⁾ Nominal diameter; ²⁾ Length; ³⁾ Thread 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, 01-07-2013	