

Declaration of Performance Number P 1210/13-630-1-FT

According to Regulation EUNo 305/2011

FT01

Manufacturer: Tecfi S.p.A. - S.S. Appia, km 193 - 81050 Pastorano (CE), Italia

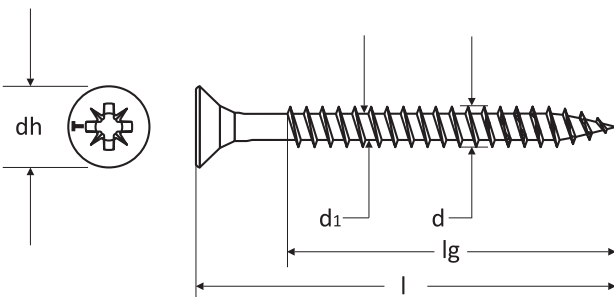


1 - Intended use

Product-type:	Fastener
Fastener type:	Timber structures - Dowel-type fasteners– Screws
Reference standard:	EN 14592:2008+A1:2012
Material:	A2 stainless steel
Durability:	A2 stainless steel
Fire resistance:	No Performance Declared (NPD)
Fire reaction:	A1 according to EN13501-1
Notified test laboratory:	Zavod ZA Gradbenist Vo Slovenije, Dimiceva 12, 1000 Ljubliana, Slovenia
Initial Type Testing (ITT):	P 1210/13-630-1
AVCP System:	3

2 - Type of screw

Item	Description	Finishing
FT01	Flat CSK head cross type Z recess chipboard screw, passivated and waxed	A2 stainless steel (AISI 304)



d	mm	Nominal diameter
d_i	mm	Inner thread diameter
l	mm	Overall fastener length
l_g	mm	Length of threading
d_h	mm	Head diameter
M_{y,k}	Nm	Characteristic yield moment
f_{ax,k}	N/mm ²	Characteristic withdrawal parameter
f_{head,k}	N/mm ²	Characteristic head pull-through parameter
ρ_a	N/mm ²	Associated wood density
f_{tens,k}	kN	Characteristic tensile capacity
f_{tor,k}	Nm	Characteristic torsional strength
R_{tor,k}	Nm	/ Characteristic torsional resistance to insertion into the timber

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3 - Declared performance according to EN 14592:2008+A1:2012

Item Code	d (mm)	d ₁ (mm)	l (mm)	l _g (mm)	d _h (mm)	M _{y,k} (Nm)	f _{ax,k} (N/mm ²)	f _{head,k} (N/mm ²)	f _{tens,k} (kN)	R _{tor,k} (Nm)	f _{tor,k} (Nm)
Ø 3											
FT 01 30 012	3,00	1,80	12	10,20	5,65	0,69	21,19 (ρ _a =476)	44,41 (ρ _a =471,1)	1,91	0,37	0,78
FT 01 30 016			16	13,20							
FT 01 30 018			18	15,20							
FT 01 30 020			20	17,20							
FT 01 30 025			25	22,20							
FT 01 30 030			30	27,20							
FT 01 30 035			35	32,20							
FT 01 30 040			40	37,20							
FT 01 30 045			45	42,20							
Ø 3,5											
FT 01 35 016	3,49	2,10	16	12,80	6,55	1,23	16,94 (ρ _a =470)	34,28 (ρ _a =478,5)	3,11	0,75	1,63
FT 01 35 018			18	18							
FT 01 35 020			20	20							
FT 01 35 025			25	25							
FT 01 35 030			30	30							
FT 01 35 035			35	35							
FT 01 35 040			40	40							
FT 01 35 045			45	45							
FT 01 35 050			50	50							
Ø 4											
FT 01 40 016	3,93	2,35	16	12,10	7,55	1,63	16,17 (ρ _a =401)	40,76 (ρ _a =454,9)	3,99	0,84	1,42
FT 01 40 018			18	14,10							
FT 01 40 020			20	16,10							
FT 01 40 025			25	21,10							
FT 01 40 030			30	26,10							
FT 01 40 035			35	31,10							
FT 01 40 040			40	36,10							
FT 01 40 045			45	41,10							
FT 01 40 050			50	46,10							
FT 01 40 060			60	56,10							
FT 01 40 070			70	66,10							
Ø 4,5											
FT 01 45 020	4,50	2,60	20	15,80	8,35	1,94	14,39 (ρ _a =453)	39,01 (ρ _a =447,2)	4,03	1,11	2,33
FT 01 45 025			25	20,80							
FT 01 45 030			30	25,80							
FT 01 45 035			35	30,80							
FT 01 45 040			40	35,80							
FT 01 45 045			45	40,80							
FT 01 45 050			50	45,80							
FT 01 45 060			60	55,80							
FT 01 45 070			70	65,80							
FT 01 45 080			80	60							

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Item Code	d (mm)	d ₁ (mm)	l (mm)	l _g (mm)	d _h (mm)	M _{y,k} (Nm)	f _{ax,k} (N/mm ²)	f _{head,k} (N/mm ²)	f _{tens,k} (kN)	R _{tor,k} (Nm)	f _{tor,k} (Nm)
Ø 5											
FT 01 50 020	5,00	3,00	20	15,40	9,35	2,72	15,05 (ρ _a =413)	21,18 (ρ _a =458,6)	5,04	1,48	2,57
FT 01 50 025			25	20,40							
FT 01 50 030			30	25,40							
FT 01 50 035			35	30,40							
FT 01 50 040			40	35,40							
FT 01 50 045			45	40,40							
FT 01 50 050			50	45,40							
FT 01 50 060			60	55,40							
FT 01 50 070			70	65,40							
FT 01 50 080			80	60							
FT 01 50 100			100	60							
Ø 6											
FT 01 60 030	5,71	3,80	30	24,40	11,15	5,59	15,25 (ρ _a =438)	15,56 (ρ _a =342,2)	7,14	3,87	5,90
FT 01 60 040			40	34,40							
FT 01 60 050			50	44,40							
FT 01 60 060			60	54,40							
FT 01 60 070			70	64,40							
FT 01 60 080			80	60							
FT 01 60 100			100	60							

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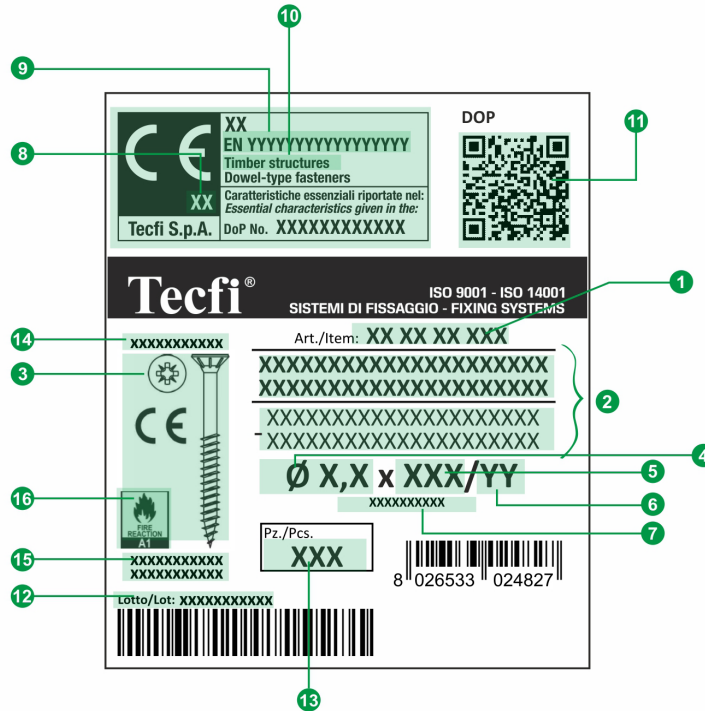
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4 - Label



- | | |
|---|---|
| <ul style="list-style-type: none"> 1 Codice articolo / Item Code 2 Descrizioni / Descriptions 3 Immagine / Picture 4 Diametro (d) / Diameter (d) 5 Lunghezza (L) / Length (L) 6 Spessore massimo fissabile (t_{fix}) / Maximum Thickness of fixture (t_{fix}) 7 Diametro nominale / Nominal diameter 8 Ultime due cifre dell'anno in cui il marchio è stato affisso per la prima volta / Last two digits of the year in which the marking was first affixed 9 Standard europeo applicato / European standard applied | <ul style="list-style-type: none"> 10 Uso del prodotto previsto dallo standard Europeo applicato, livello di prestazione dichiarato / Intended use of the product as laid down in the European standard applied, level of performance declared 11 Link al DoP / Link to DoP 12 Lotto / Lot Number 13 Numero di pezzi per scatola / Number of Pieces per Box 14 Misura inserto / Recess size 15 Tipo di impronta / Recess type 16 Logo Reazione al Fuoco A1 / Fire Reaction A1 Logo |
|---|---|

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name and function	Place and date of issue	Signature
President Antonio Guarino	Pastorano, June 21 st 2016	