

Declaration of Performance nr. MF_DoP_001

Issued in accordance with the Construction Products Regulation (CPR) 305/2011/EU.

1. Unique identification code of the product type:

30000 CSZ st
30005 CSZ st
30100 CST st
30105 CST st

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Refer to Annex 1 to this document

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:

Generic type: Universal wood screw with sharp point, wax coating, milling ribs ($l > 40$) and countersunk head with cutting ribs, with Pozidriv or TTap®-drive
Material: Carbon steel
Corrosion protection: Min. Fe/Zn3/A to ISO 2081
Min. Fe/Zn3/C to ISO 2081
Service class: Service class 1 according to EN 1995-1-1
Fire resistance: NPD
Reaction to fire: Classification A1 according to EN13501-1
Intended use: Screws for timber structures

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Fabory Nederland
Zevenheuvelenweg 44
5048 AN Tilburg
The Netherlands

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. This declaration of performance is based on:

Harmonized standard: EN 14592 2008 + A1 2012
ITT performed by: SHR (NB2590)
Nieuwe Kanaal 9c
6709 PA Wageningen
The Netherlands
Under system: 3
Issued: ITT report no. 15.0050

8. In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:

Not relevant

9. Declared performance:

Essential characteristics			Performance			
Nominal diameter	d	mm	4,0	4,5	5,0	6,0
Characteristic yield moment to EN 409	$M_{y,k}$	Nmm	3.225	4.010	5.331	10.699
Characteristic withdrawal parameter to EN 1382	$f_{ax,k}$	MPa	17,13	16,88	13,73	10,77
Wood density (spruce)	ρ_k	kg/m ³	435	435	430	432
Characteristic head pull-through parameter to EN 1383	$f_{head,k}$	MPa	26,23	20,84	25,22	25,10
Wood density (Okoumé plywood)	ρ_k	kg/m ³	499	481	472	521
Characteristic tensile capacity to EN 1383	$f_{tens,k}$	kN	5,62	6,39	8,78	12,69
Torsional resistance	R_{tor}	Nm	0,76	0,92	1,69	2,59
Wood density (spruce)	ρ_k	kg/m ³	435	435	430	432
Characteristic torsional strength	$f_{tor,k}$	Nm	3,47	4,53	5,86	10,78
Characteristic torsional ratio to ISO 10666	$f_{tor,k}/R_{tor,k}$		4,6	4,9	3,5	4,2
Durability to EN 1995-1-1/ISO 2081			Service class 1			

Tested according to Harmonized Technical Specification EN 14592 2008+A1 2012

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

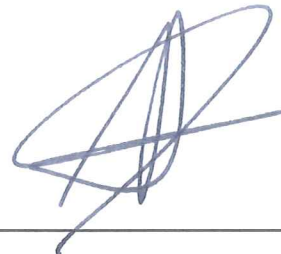
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of the manufacturer by:

Tilburg, 01-01-2016



Jan Van Ranst
Quality & Technology Manager



Johan Dewandeleer
Senior Director Global Fastener Sourcing

ANNEX I

Product overview

Material	Material Description	Head diameter d_h	Minor dia d_1	Thread length l_g
30000.040.012	MF ZPL CSK WOODSCR PZ 4X12MM	8	2,4	full
30000.040.016	MF ZPL CSK WOODSCR PZ 4X16MM	8	2,4	full
30000.040.020	MF ZPL CSK WOODSCR PZ 4X20MM	8	2,4	full
30000.040.025	MF ZPL CSK WOODSCR PZ 4X25MM	8	2,4	full
30000.040.030	MF ZPL CSK WOODSCR PZ 4X30MM	8	2,4	full
30000.040.035	MF ZPL CSK WOODSCR PZ 4X35MM	8	2,4	full
30000.040.040	MF ZPL CSK WOODSCR PZ 4X40MM	8	2,4	25
30000.040.045	MF ZPL CSK WOODSCR PZ 4X45MM	8	2,4	30
30000.040.050	MF ZPL CSK WOODSCR PZ 4X50MM	8	2,4	35
30000.040.060	MF ZPL CSK WOODSCR PZ 4X60MM	8	2,4	45
30000.040.070	MF ZPL CSK WOODSCR PZ 4X70MM	8	2,4	55
30000.045.016	MF ZPL CSK WOODSCR PZ 4,5X16MM	9	2,7	full
30000.045.020	MF ZPL CSK WOODSCR PZ 4,5X20MM	9	2,7	full
30000.045.025	MF ZPL CSK WOODSCR PZ 4,5X25MM	9	2,7	full
30000.045.030	MF ZPL CSK WOODSCR PZ 4,5X30MM	9	2,7	full
30000.045.035	MF ZPL CSK WOODSCR PZ 4,5X35MM	9	2,7	full
30000.045.040	MF ZPL CSK WOODSCR PZ 4,5X40MM	9	2,7	25
30000.045.045	MF ZPL CSK WOODSCR PZ 4,5X45MM	9	2,7	30
30000.045.050	MF ZPL CSK WOODSCR PZ 4,5X50MM	9	2,7	35
30000.045.060	MF ZPL CSK WOODSCR PZ 4,5X60MM	9	2,7	45
30000.045.070	MF ZPL CSK WOODSCR PZ 4,5X70MM	9	2,7	55
30000.045.080	MF ZPL CSK WOODSCR PZ 4,5X80MM	9	2,7	54
30000.050.016	MF ZPL CSK WOODSCR PZ 5X16MM	10	3	full
30000.050.020	MF ZPL CSK WOODSCR PZ 5X20MM	10	3	full
30000.050.025	MF ZPL CSK WOODSCR PZ 5X25MM	10	3	full
30000.050.030	MF ZPL CSK WOODSCR PZ 5X30MM	10	3	full
30000.050.035	MF ZPL CSK WOODSCR PZ 5X35MM	10	3	full
30000.050.040	MF ZPL CSK WOODSCR PZ 5X40MM	10	3	25
30000.050.045	MF ZPL CSK WOODSCR PZ 5X45MM	10	3	30
30000.050.050	MF ZPL CSK WOODSCR PZ 5X50MM	10	3	35
30000.050.060	MF ZPL CSK WOODSCR PZ 5X60MM	10	3	45
30000.050.070	MF ZPL CSK WOODSCR PZ 5X70MM	10	3	55
30000.050.080	MF ZPL CSK WOODSCR PZ 5X80MM	10	3	54
30000.050.090	MF ZPL CSK WOODSCR PZ 5X90MM	10	3	60
30000.050.100	MF ZPL CSK WOODSCR PZ 5X100MM	10	3	67
30000.060.030	MF ZPL CSK WOODSCR PZ 6X30MM	12	3,6	full
30000.060.035	MF ZPL CSK WOODSCR PZ 6X35MM	12	3,6	full
30000.060.040	MF ZPL CSK WOODSCR PZ 6X40MM	12	3,6	25
30000.060.045	MF ZPL CSK WOODSCR PZ 6X45MM	12	3,6	30
30000.060.050	MF ZPL CSK WOODSCR PZ 6X50MM	12	3,6	35
30000.060.060	MF ZPL CSK WOODSCR PZ 6X60MM	12	3,6	45
30000.060.070	MF ZPL CSK WOODSCR PZ 6X70MM	12	3,6	55
30000.060.080	MF ZPL CSK WOODSCR PZ 6X80MM	12	3,6	54

Material	Material Description	Head diameter d_h	Minor dia d_1	Thread length l_g
30000.060.090	MF ZPL CSK WOODSCR PZ 6X90MM	12	3,6	60
30000.060.100	MF ZPL CSK WOODSCR PZ 6X100MM	12	3,6	67
30000.060.110	MF ZPL CSK WOODSCR PZ 6X110MM	12	3,6	74
30000.060.120	MF ZPL CSK WOODSCR PZ 6X120MM	12	3,6	81
30000.060.130	MF ZPL CSK WOODSCR PZ 6X130MM	12	3,6	87
30000.060.140	MF ZPL CSK WOODSCR PZ 6X140MM	12	3,6	94
30000.060.150	MF ZPL CSK WOODSCR PZ 6X150MM	12	3,6	101
30005.040.012	MF YLP CSK WOODSCR PZ 4X12MM	8	2,4	full
30005.040.016	MF YLP CSK WOODSCR PZ 4X16MM	8	2,4	full
30005.040.020	MF YLP CSK WOODSCR PZ 4X20MM	8	2,4	full
30005.040.025	MF YLP CSK WOODSCR PZ 4X25MM	8	2,4	full
30005.040.030	MF YLP CSK WOODSCR PZ 4X30MM	8	2,4	full
30005.040.035	MF YLP CSK WOODSCR PZ 4X35MM	8	2,4	full
30005.040.040	MF YLP CSK WOODSCR PZ 4X40MM	8	2,4	25
30005.040.045	MF YLP CSK WOODSCR PZ 4X45MM	8	2,4	30
30005.040.050	MF YLP CSK WOODSCR PZ 4X50MM	8	2,4	35
30005.040.060	MF YLP CSK WOODSCR PZ 4X60MM	8	2,4	45
30005.040.070	MF YLP CSK WOODSCR PZ 4X70MM	8	2,4	55
30005.045.016	MF YLP CSK WOODSCR PZ 4,5X16MM	9	2,7	full
30005.045.020	MF YLP CSK WOODSCR PZ 4,5X20MM	9	2,7	full
30005.045.025	MF YLP CSK WOODSCR PZ 4,5X25MM	9	2,7	full
30005.045.030	MF YLP CSK WOODSCR PZ 4,5X30MM	9	2,7	full
30005.045.035	MF YLP CSK WOODSCR PZ 4,5X35MM	9	2,7	full
30005.045.040	MF YLP CSK WOODSCR PZ 4,5X40MM	9	2,7	25
30005.045.045	MF YLP CSK WOODSCR PZ 4,5X45MM	9	2,7	30
30005.045.050	MF YLP CSK WOODSCR PZ 4,5X50MM	9	2,7	35
30005.045.060	MF YLP CSK WOODSCR PZ 4,5X60MM	9	2,7	45
30005.045.070	MF YLP CSK WOODSCR PZ 4,5X70MM	9	2,7	55
30005.045.080	MF YLP CSK WOODSCR PZ 4,5X80MM	9	2,7	54
30005.050.016	MF YLP CSK WOODSCR PZ 5X16MM	10	3	full
30005.050.020	MF YLP CSK WOODSCR PZ 5X20MM	10	3	full
30005.050.025	MF YLP CSK WOODSCR PZ 5X25MM	10	3	full
30005.050.030	MF YLP CSK WOODSCR PZ 5X30MM	10	3	full
30005.050.035	MF YLP CSK WOODSCR PZ 5X35MM	10	3	full
30005.050.040	MF YLP CSK WOODSCR PZ 5X40MM	10	3	25
30005.050.045	MF YLP CSK WOODSCR PZ 5X45MM	10	3	30
30005.050.050	MF YLP CSK WOODSCR PZ 5X50MM	10	3	35
30005.050.060	MF YLP CSK WOODSCR PZ 5X60MM	10	3	45
30005.050.070	MF YLP CSK WOODSCR PZ 5X70MM	10	3	55
30005.050.080	MF YLP CSK WOODSCR PZ 5X80MM	10	3	54
30005.050.090	MF YLP CSK WOODSCR PZ 5X90MM	10	3	60
30005.050.100	MF YLP CSK WOODSCR PZ 5X100MM	10	3	67
30005.060.030	MF YLP CSK WOODSCR PZ 6X30MM	12	3,6	full
30005.060.035	MF YLP CSK WOODSCR PZ 6X35MM	12	3,6	full
30005.060.040	MF YLP CSK WOODSCR PZ 6X40MM	12	3,6	25
30005.060.045	MF YLP CSK WOODSCR PZ 6X45MM	12	3,6	30
30005.060.050	MF YLP CSK WOODSCR PZ 6X50MM	12	3,6	35

Material	Material Description	Head diameter d_h	Minor dia d_1	Thread length l_g
30005.060.060	MF YLP CSK WOODSCR PZ 6X60MM	12	3,6	45
30005.060.070	MF YLP CSK WOODSCR PZ 6X70MM	12	3,6	55
30005.060.080	MF YLP CSK WOODSCR PZ 6X80MM	12	3,6	54
30005.060.090	MF YLP CSK WOODSCR PZ 6X90MM	12	3,6	60
30005.060.100	MF YLP CSK WOODSCR PZ 6X100MM	12	3,6	67
30005.060.110	MF YLP CSK WOODSCR PZ 6X110MM	12	3,6	74
30005.060.120	MF YLP CSK WOODSCR PZ 6X120MM	12	3,6	81
30005.060.130	MF YLP CSK WOODSCR PZ 6X130MM	12	3,6	87
30005.060.140	MF YLP CSK WOODSCR PZ 6X140MM	12	3,6	94
30005.060.150	MF YLP CSK WOODSCR PZ 6X150MM	12	3,6	101
30100.040.012	MF ZPL CSK WOODSCR TTAP 4X12MM	8	2,4	full
30100.040.016	MF ZPL CSK WOODSCR TTAP 4X16MM	8	2,4	full
30100.040.020	MF ZPL CSK WOODSCR TTAP 4X20MM	8	2,4	full
30100.040.025	MF ZPL CSK WOODSCR TTAP 4X25MM	8	2,4	full
30100.040.030	MF ZPL CSK WOODSCR TTAP 4X30MM	8	2,4	full
30100.040.035	MF ZPL CSK WOODSCR TTAP 4X35MM	8	2,4	full
30100.040.040	MF ZPL CSK WOODSCR TTAP 4X40MM	8	2,4	25
30100.040.045	MF ZPL CSK WOODSCR TTAP 4X45MM	8	2,4	30
30100.040.050	MF ZPL CSK WOODSCR TTAP 4X50MM	8	2,4	35
30100.040.060	MF ZPL CSK WOODSCR TTAP 4X60MM	8	2,4	45
30100.040.070	MF ZPL CSK WOODSCR TTAP 4X70MM	8	2,4	55
30100.045.016	MF ZPL CSK WOODSCR TTAP 4,5X16MM	9	2,7	full
30100.045.020	MF ZPL CSK WOODSCR TTAP 4,5X20MM	9	2,7	full
30100.045.025	MF ZPL CSK WOODSCR TTAP 4,5X25MM	9	2,7	full
30100.045.030	MF ZPL CSK WOODSCR TTAP 4,5X30MM	9	2,7	full
30100.045.035	MF ZPL CSK WOODSCR TTAP 4,5X35MM	9	2,7	full
30100.045.040	MF ZPL CSK WOODSCR TTAP 4,5X40MM	9	2,7	25
30100.045.045	MF ZPL CSK WOODSCR TTAP 4,5X45MM	9	2,7	30
30100.045.050	MF ZPL CSK WOODSCR TTAP 4,5X50MM	9	2,7	35
30100.045.060	MF ZPL CSK WOODSCR TTAP 4,5X60MM	9	2,7	45
30100.045.070	MF ZPL CSK WOODSCR TTAP 4,5X70MM	9	2,7	55
30100.045.080	MF ZPL CSK WOODSCR TTAP 4,5X80MM	9	2,7	54
30100.050.016	MF ZPL CSK WOODSCR TTAP 5X16MM	10	3	full
30100.050.020	MF ZPL CSK WOODSCR TTAP 5X20MM	10	3	full
30100.050.025	MF ZPL CSK WOODSCR TTAP 5X25MM	10	3	full
30100.050.030	MF ZPL CSK WOODSCR TTAP 5X30MM	10	3	full
30100.050.035	MF ZPL CSK WOODSCR TTAP 5X35MM	10	3	full
30100.050.040	MF ZPL CSK WOODSCR TTAP 5X40MM	10	3	25
30100.050.045	MF ZPL CSK WOODSCR TTAP 5X45MM	10	3	30
30100.050.050	MF ZPL CSK WOODSCR TTAP 5X50MM	10	3	35
30100.050.060	MF ZPL CSK WOODSCR TTAP 5X60MM	10	3	45
30100.050.070	MF ZPL CSK WOODSCR TTAP 5X70MM	10	3	55
30100.050.080	MF ZPL CSK WOODSCR TTAP 5X80MM	10	3	54
30100.050.090	MF ZPL CSK WOODSCR TTAP 5X90MM	10	3	60
30100.050.100	MF ZPL CSK WOODSCR TTAP 5X100MM	10	3	67
30100.060.030	MF ZPL CSK WOODSCR TTAP 6X30MM	12	3,6	full
30100.060.035	MF ZPL CSK WOODSCR TTAP 6X35MM	12	3,6	full

Material	Material Description	Head diameter d_h	Minor dia d_1	Thread length l_g
30100.060.040	MF ZPL CSK WOODSCR TTAP 6X40MM	12	3,6	25
30100.060.045	MF ZPL CSK WOODSCR TTAP 6X45MM	12	3,6	30
30100.060.050	MF ZPL CSK WOODSCR TTAP 6X50MM	12	3,6	35
30100.060.060	MF ZPL CSK WOODSCR TTAP 6X60MM	12	3,6	45
30100.060.070	MF ZPL CSK WOODSCR TTAP 6X70MM	12	3,6	55
30100.060.080	MF ZPL CSK WOODSCR TTAP 6X80MM	12	3,6	54
30100.060.090	MF ZPL CSK WOODSCR TTAP 6X90MM	12	3,6	60
30100.060.100	MF ZPL CSK WOODSCR TTAP 6X100MM	12	3,6	67
30100.060.110	MF ZPL CSK WOODSCR TTAP 6X110MM	12	3,6	74
30100.060.120	MF ZPL CSK WOODSCR TTAP 6X120MM	12	3,6	81
30100.060.130	MF ZPL CSK WOODSCR TTAP 6X130MM	12	3,6	87
30100.060.140	MF ZPL CSK WOODSCR TTAP 6X140MM	12	3,6	94
30100.060.150	MF ZPL CSK WOODSCR TTAP 6X150MM	12	3,6	101
30105.040.012	MF YLP CSK WDSCR TTAP 4X12MM	8	2,4	full
30105.040.016	MF YLP CSK WDSCR TTAP 4X16MM	8	2,4	full
30105.040.020	MF YLP CSK WDSCR TTAP 4X20MM	8	2,4	full
30105.040.025	MF YLP CSK WDSCR TTAP 4X25MM	8	2,4	full
30105.040.030	MF YLP CSK WDSCR TTAP 4X30MM	8	2,4	full
30105.040.035	MF YLP CSK WDSCR TTAP 4X35MM	8	2,4	full
30105.040.040	MF YLP CSK WDSCR TTAP 4X40MM	8	2,4	25
30105.040.045	MF YLP CSK WDSCR TTAP 4X45MM	8	2,4	30
30105.040.050	MF YLP CSK WDSCR TTAP 4X50MM	8	2,4	35
30105.040.060	MF YLP CSK WDSCR TTAP 4X60MM	8	2,4	45
30105.040.070	MF YLP CSK WDSCR TTAP 4X70MM	8	2,4	55
30105.045.016	MF YLP CSK WDSCR TTAP 4,5X16MM	9	2,7	full
30105.045.020	MF YLP CSK WDSCR TTAP 4,5X20MM	9	2,7	full
30105.045.025	MF YLP CSK WDSCR TTAP 4,5X25MM	9	2,7	full
30105.045.030	MF YLP CSK WDSCR TTAP 4,5X30MM	9	2,7	full
30105.045.035	MF YLP CSK WDSCR TTAP 4,5X35MM	9	2,7	full
30105.045.040	MF YLP CSK WDSCR TTAP 4,5X40MM	9	2,7	25
30105.045.045	MF YLP CSK WDSCR TTAP 4,5X45MM	9	2,7	30
30105.045.050	MF YLP CSK WDSCR TTAP 4,5X50MM	9	2,7	35
30105.045.060	MF YLP CSK WDSCR TTAP 4,5X60MM	9	2,7	45
30105.045.070	MF YLP CSK WDSCR TTAP 4,5X70MM	9	2,7	55
30105.045.080	MF YLP CSK WDSCR TTAP 4,5X80MM	9	2,7	54
30105.050.016	MF YLP CSK WDSCR TTAP 5X16MM	10	3	full
30105.050.020	MF YLP CSK WDSCR TTAP 5X20MM	10	3	full
30105.050.025	MF YLP CSK WDSCR TTAP 5X25MM	10	3	full
30105.050.030	MF YLP CSK WDSCR TTAP 5X30MM	10	3	full
30105.050.035	MF YLP CSK WDSCR TTAP 5X35MM	10	3	full
30105.050.040	MF YLP CSK WDSCR TTAP 5X40MM	10	3	25
30105.050.045	MF YLP CSK WDSCR TTAP 5X45MM	10	3	30
30105.050.050	MF YLP CSK WDSCR TTAP 5X50MM	10	3	35
30105.050.060	MF YLP CSK WDSCR TTAP 5X60MM	10	3	45
30105.050.070	MF YLP CSK WDSCR TTAP 5X70MM	10	3	55
30105.050.080	MF YLP CSK WDSCR TTAP 5X80MM	10	3	54
30105.050.090	MF YLP CSK WDSCR TTAP 5X90MM	10	3	60

Material	Material Description	Head diameter d_h	Minor dia d_1	Thread length l_g
30105.050.100	MF YLP CSK WDSCR TTAP 5X100MM	10	3	67
30105.060.030	MF YLP CSK WDSCR TTAP 6X30MM	12	3,6	full
30105.060.035	MF YLP CSK WDSCR TTAP 6X35MM	12	3,6	full
30105.060.040	MF YLP CSK WDSCR TTAP 6X40MM	12	3,6	25
30105.060.045	MF YLP CSK WDSCR TTAP 6X45MM	12	3,6	30
30105.060.050	MF YLP CSK WDSCR TTAP 6X50MM	12	3,6	35
30105.060.060	MF YLP CSK WDSCR TTAP 6X60MM	12	3,6	45
30105.060.070	MF YLP CSK WDSCR TTAP 6X70MM	12	3,6	55
30105.060.080	MF YLP CSK WDSCR TTAP 6X80MM	12	3,6	54
30105.060.090	MF YLP CSK WDSCR TTAP 6X90MM	12	3,6	60
30105.060.100	MF YLP CSK WDSCR TTAP 6X100MM	12	3,6	67
30105.060.110	MF YLP CSK WDSCR TTAP 6X110MM	12	3,6	74
30105.060.120	MF YLP CSK WDSCR TTAP 6X120MM	12	3,6	81
30105.060.130	MF YLP CSK WDSCR TTAP 6X130MM	12	3,6	87
30105.060.140	MF YLP CSK WDSCR TTAP 6X140MM	12	3,6	94
30105.060.150	MF YLP CSK WDSCR TTAP 6X150MM	12	3,6	101