

Declaration of Performance nr. MF_DoP_004

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

1. Unique identification code of the product type:

30040 RCZ stst
30140 RCT stst

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 raised cheese head (pan head), with Pozidriv or TTap®-drive
Material:	Stainless steel A2 to EN ISO 3506-1
Service class:	Service class 1, 2 and 3 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	5,0
Characteristic yield moment to EN 409	$M_{y,k}$	Nmm	1.655	2.994
Characteristic withdrawal parameter to EN 1382	$f_{ax,k}$	MPa	17,13	13,73
Wood density (spruce)	ρ_k	kg/m ³	435	430
Characteristic head pull-through parameter to EN 1383	$f_{head,k}$	MPa	37,41	25,97
Wood density (Okoumé plywood)	ρ_k	kg/m ³	521	474
Characteristic tensile capacity to EN 1383	$f_{tens,k}$	kN	3,42	5,26
Torsional resistance	R_{tor}	Nm	0,76	1,69
Wood density (spruce)	ρ_k	kg/m ³	435	430
Characteristic torsional strength	$f_{tor,k}$	Nm	1,96	3,96
Characteristic torsional ratio to ISO 10666	$f_{tor,k}/R_{tor}$		2,6	2,3
Durability to EN 1995-1-1/ISO 2081			Service class 1, 2 and 3	

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
30040.040.016	MF SSA2 RCHSHD WDSCR PZ 4X16MM	8	2,4	full
30040.040.020	MF SSA2 RCHSHD WDSCR PZ 4X20MM	8	2,4	full
30040.040.025	MF SSA2 RCHSHD WDSCR PZ 4X25MM	8	2,4	full
30040.040.030	MF SSA2 RCHSHD WDSCR PZ 4X30MM	8	2,4	full
30040.040.035	MF SSA2 RCHSHD WDSCR PZ 4X35MM	8	2,4	full
30040.040.040	MF SSA2 RCHSHD WDSCR PZ 4X40MM	8	2,4	25
30040.040.045	MF SSA2 RCHSHD WDSCR PZ 4X45MM	8	2,4	30
30040.040.050	MF SSA2 RCHSHD WDSCR PZ 4X50MM	8	2,4	35
30040.050.020	MF SSA2 RCHSHD WDSCR PZ 5X20MM	10	3	full
30040.050.025	MF SSA2 RCHSHD WDSCR PZ 5X25MM	10	3	full
30040.050.030	MF SSA2 RCHSHD WDSCR PZ 5X30MM	10	3	full
30040.050.040	MF SSA2 RCHSHD WDSCR PZ 5X40MM	10	3	25
30040.050.050	MF SSA2 RCHSHD WDSCR PZ 5X50MM	10	3	35
30040.050.060	MF SSA2 RCHSHD WDSCR PZ 5X60MM	10	3	45
30140.040.016	MF A2 RCHSHD WDSCR TTAP 4X16MM	8	2,4	full
30140.040.020	MF A2 RCHSHD WDSCR TTAP 4X20MM	8	2,4	full
30140.040.025	MF A2 RCHSHD WDSCR TTAP 4X25MM	8	2,4	full
30140.040.030	MF A2 RCHSHD WDSCR TTAP 4X30MM	8	2,4	full
30140.040.035	MF A2 RCHSHD WDSCR TTAP 4X35MM	8	2,4	full
30140.040.040	MF A2 RCHSHD WDSCR TTAP 4X40MM	8	2,4	25
30140.040.045	MF A2 RCHSHD WDSCR TTAP 4X45MM	8	2,4	30
30140.040.050	MF A2 RCHSHD WDSCR TTAP 4X50MM	8	2,4	35
30140.050.020	MF A2 RCHSHD WDSCR TTAP 5X20MM	10	3	full
30140.050.025	MF A2 RCHSHD WDSCR TTAP 5X25MM	10	3	full
30140.050.030	MF A2 RCHSHD WDSCR TTAP 5X30MM	10	3	full
30140.050.040	MF A2 RCHSHD WDSCR TTAP 5X40MM	10	3	25
30140.050.050	MF A2 RCHSHD WDSCR TTAP 5X50MM	10	3	35
30140.050.060	MF A2 RCHSHD WDSCR TTAP 5X60MM	10	3	45