

Declaração de Desempenho n.º MF_DoP_003

Emitido em conformidade com o regulamento relativo aos produtos de construção (CPR) 305/2011 / EU.

1. Código de identificação único do produto-tipo:

30025 RCZ st
30030 RCZ st
30125 RCT st
30130 RCT st

2. Número do tipo, do lote ou da série, ou quaisquer outros elementos que permitam a identificação do produto de construção, nos termos do n.º 4 do artigo 11.º:

Consultar o anexo 1 deste documento

3. Utilização ou utilizações previstas do produto de construção, de acordo com a especificação técnica harmonizada aplicável, tal como previsto pelo fabricante:

Tipo genérico:	Parafuso universal de madeira com ponta afiada, revestimento de cera, com alhetas (L > 40) e cabeça do queijo levantada (cabeça PAN), com Pozidriv ou TTap®-drive
Material:	Aço carbono
Proteção à corrosão:	Min. Fe/Zn3/A a ISO 2081 Min. Fe/Zn3/C a ISO 2081
Classe de serviço:	Serviço de classe 1 de acordo com EN 1995-1-1
Resistência ao fogo:	Desempenho não declarado
Reação ao fogo:	Classificação A1 de acordo com a EN 13501-1
Utilização prevista:	Parafusos para estruturas

4. Nome, designação comercial ou marca comercial registada e endereço de contacto do fabricante, nos termos do n.º 5 do artigo 11.º:

Fabory Nederland
Zevenheuvelenweg 44
5048 AN Tilburg
The Netherlands

5. Se aplicável, nome e endereço de contacto do mandatário cujo mandato abrange os actos especificados no n.º 2 do artigo 12.º:

Não aplicável

6. Sistema ou sistemas de avaliação e verificação da regularidade do desempenho do produto de construção tal como previsto no anexo V:

Sistema 3

7. No caso de uma declaração de desempenho relativa a um produto de construção abrangido por uma norma harmonizada:

Standard:	EN 14592 2008 + A1 2012
Executado por:	SHR (NB2590) Nieuwe Kanaal 9c 6709 PA Wageningen The Netherlands
No âmbito do sistema:	3
Emitiu:	ITT report no. 15.0050

8. No caso de uma declaração de desempenho relativa a um produto de construção para o qual tenha sido emitida uma Avaliação Técnica Europeia:

Não relevante

9. Desempenho declarado:

Características principais			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	37,41	32,29	25,97	24,68
Wood density (Okoumé plywood)	ρ_k	kg/m ³	521	484	474	469
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	$f_{tor,k}/R_{tor}$		4,6	4,9	3,5	4,2
Durability to EN 1995-1-1/ISO 2081			Service class 1			

Testado de acordo com Especificação Técnica EN 14592 2008 + A1 2012

10. O desempenho do produto identificado nos pontos 1 e 2 é conforme com o desempenho declarado no ponto 9.

A presente declaração de desempenho é emitida sob a exclusiva responsabilidade do fabricante identificado no ponto 4.

Assinado por e em nome do fabricante por:

Tilburg, 01-01-2016



Jan Van Ranst
Quality & Technology Manager



Johan Dewandeleer
Senior Director Global Fastener Sourcing

ANEXO I

Ver produto

Material	Material Description	Head diameter d_h	Minor dia d_1	Thread length l_g
30025.040.012	MF ZPL RCHSHD WDSCR PZ 4X12MM	8	2,4	full
30025.040.016	MF ZPL RCHSHD WDSCR PZ 4X16MM	8	2,4	full
30025.040.020	MF ZPL RCHSHD WDSCR PZ 4X20MM	8	2,4	full
30025.040.025	MF ZPL RCHSHD WDSCR PZ 4X25MM	8	2,4	full
30025.040.030	MF ZPL RCHSHD WDSCR PZ 4X30MM	8	2,4	full
30025.040.035	MF ZPL RCHSHD WDSCR PZ 4X35MM	8	2,4	full
30025.040.040	MF ZPL RCHSHD WDSCR PZ 4X40MM	8	2,4	25
30025.040.045	MF ZPL RCHSHD WDSCR PZ 4X45MM	8	2,4	30
30025.040.050	MF ZPL RCHSHD WDSCR PZ 4X50MM	8	2,4	35
30025.040.060	MF ZPL RCHSHD WDSCR PZ 4X60MM	8	2,4	45
30025.045.016	MF ZPL RCHSHD WDSCR PZ 4,5X16MM	9	2,7	full
30025.045.020	MF ZPL RCHSHD WDSCR PZ 4,5X20MM	9	2,7	full
30025.045.025	MF ZPL RCHSHD WDSCR PZ 4,5X25MM	9	2,7	full
30025.045.030	MF ZPL RCHSHD WDSCR PZ 4,5X30MM	9	2,7	full
30025.045.035	MF ZPL RCHSHD WDSCR PZ 4,5X35MM	9	2,7	full
30025.045.040	MF ZPL RCHSHD WDSCR PZ 4,5X40MM	9	2,7	25
30025.045.045	MF ZPL RCHSHD WDSCR PZ 4,5X45MM	9	2,7	30
30025.045.050	MF ZPL RCHSHD WDSCR PZ 4,5X50MM	9	2,7	35
30025.050.016	MF ZPL RCHSHD WDSCR PZ 5X16MM	10	3	full
30025.050.020	MF ZPL RCHSHD WDSCR PZ 5X20MM	10	3	full
30025.050.025	MF ZPL RCHSHD WDSCR PZ 5X25MM	10	3	full
30025.050.030	MF ZPL RCHSHD WDSCR PZ 5X30MM	10	3	full
30025.050.035	MF ZPL RCHSHD WDSCR PZ 5X35MM	10	3	full
30025.050.040	MF ZPL RCHSHD WDSCR PZ 5X40MM	10	3	25
30025.050.045	MF ZPL RCHSHD WDSCR PZ 5X45MM	10	3	30
30025.050.050	MF ZPL RCHSHD WDSCR PZ 5X50MM	10	3	35
30025.050.060	MF ZPL RCHSHD WDSCR PZ 5X60MM	10	3	45
30025.050.070	MF ZPL RCHSHD WDSCR PZ 5X70MM	10	3	55
30025.050.080	MF ZPL RCHSHD WDSCR PZ 5X80MM	10	3	54
30025.060.030	MF ZPL RCHSHD WDSCR PZ 6X30MM	12	3,6	full
30025.060.040	MF ZPL RCHSHD WDSCR PZ 6X40MM	12	3,6	25
30025.060.050	MF ZPL RCHSHD WDSCR PZ 6X50MM	12	3,6	35
30025.060.060	MF ZPL RCHSHD WDSCR PZ 6X60MM	12	3,6	45
30025.060.080	MF ZPL RCHSHD WDSCR PZ 6X80MM	12	3,6	54
30025.060.100	MF ZPL RCHSHD WDSCR PZ 6X100MM	12	3,6	67
30030.040.012	MF YLP RCHSHD WDSCR PZ 4X12MM	8	2,4	full
30030.040.016	MF YLP RCHSHD WDSCR PZ 4X16MM	8	2,4	full
30030.040.020	MF YLP RCHSHD WDSCR PZ 4X20MM	8	2,4	full
30030.040.025	MF YLP RCHSHD WDSCR PZ 4X25MM	8	2,4	full
30030.040.030	MF YLP RCHSHD WDSCR PZ 4X30MM	8	2,4	full
30030.040.035	MF YLP RCHSHD WDSCR PZ 4X35MM	8	2,4	full
30030.040.040	MF YLP RCHSHD WDSCR PZ 4X40MM	8	2,4	25
30030.040.045	MF YLP RCHSHD WDSCR PZ 4X45MM	8	2,4	30
30030.040.050	MF YLP RCHSHD WDSCR PZ 4X50MM	8	2,4	35

Material	Material Description	Head diameter d_h	Minor dia d_1	Thread length l_g
30030.040.060	MF YLP RCHSHD WDSCR PZ 4X60MM	8	2,4	45
30030.045.016	MF YLP RCHSHD WDSCR PZ 4,5X16MM	9	2,7	full
30030.045.020	MF YLP RCHSHD WDSCR PZ 4,5X20MM	9	2,7	full
30030.045.025	MF YLP RCHSHD WDSCR PZ 4,5X25MM	9	2,7	full
30030.045.030	MF YLP RCHSHD WDSCR PZ 4,5X30MM	9	2,7	full
30030.045.035	MF YLP RCHSHD WDSCR PZ 4,5X35MM	9	2,7	full
30030.045.040	MF YLP RCHSHD WDSCR PZ 4,5X40MM	9	2,7	25
30030.045.045	MF YLP RCHSHD WDSCR PZ 4,5X45MM	9	2,7	30
30030.045.050	MF YLP RCHSHD WDSCR PZ 4,5X50MM	9	2,7	35
30030.050.016	MF YLP RCHSHD WDSCR PZ 5X16MM	10	3	full
30030.050.020	MF YLP RCHSHD WDSCR PZ 5X20MM	10	3	full
30030.050.025	MF YLP RCHSHD WDSCR PZ 5X25MM	10	3	full
30030.050.030	MF YLP RCHSHD WDSCR PZ 5X30MM	10	3	full
30030.050.035	MF YLP RCHSHD WDSCR PZ 5X35MM	10	3	full
30030.050.040	MF YLP RCHSHD WDSCR PZ 5X40MM	10	3	25
30030.050.045	MF YLP RCHSHD WDSCR PZ 5X45MM	10	3	30
30030.050.050	MF YLP RCHSHD WDSCR PZ 5X50MM	10	3	35
30030.050.060	MF YLP RCHSHD WDSCR PZ 5X60MM	10	3	45
30030.050.070	MF YLP RCHSHD WDSCR PZ 5X70MM	10	3	55
30030.050.080	MF YLP RCHSHD WDSCR PZ 5X80MM	10	3	54
30030.060.030	MF YLP RCHSHD WDSCR PZ 6X30MM	12	3,6	full
30030.060.040	MF YLP RCHSHD WDSCR PZ 6X40MM	12	3,6	25
30030.060.050	MF YLP RCHSHD WDSCR PZ 6X50MM	12	3,6	35
30030.060.060	MF YLP RCHSHD WDSCR PZ 6X60MM	12	3,6	45
30030.060.080	MF YLP RCHSHD WDSCR PZ 6X80MM	12	3,6	54
30030.060.100	MF YLP RCHSHD WDSCR PZ 6X100MM	12	3,6	67
30125.040.012	MF ZPL RCHSHD WDSCR TTAP 4X12MM	8	2,4	full
30125.040.016	MF ZPL RCHSHD WDSCR TTAP 4X16MM	8	2,4	full
30125.040.020	MF ZPL RCHSHD WDSCR TTAP 4X20MM	8	2,4	full
30125.040.025	MF ZPL RCHSHD WDSCR TTAP 4X25MM	8	2,4	full
30125.040.030	MF ZPL RCHSHD WDSCR TTAP 4X30MM	8	2,4	full
30125.040.035	MF ZPL RCHSHD WDSCR TTAP 4X35MM	8	2,4	full
30125.040.040	MF ZPL RCHSHD WDSCR TTAP 4X40MM	8	2,4	25
30125.040.045	MF ZPL RCHSHD WDSCR TTAP 4X45MM	8	2,4	30
30125.040.050	MF ZPL RCHSHD WDSCR TTAP 4X50MM	8	2,4	35
30125.040.060	MF ZPL RCHSHD WDSCR TTAP 4X60MM	8	2,4	45
30125.045.016	MF ZPL RCHSHD WDSCR TTAP 4,5X16MM	9	2,7	full
30125.045.020	MF ZPL RCHSHD WDSCR TTAP 4,5X20MM	9	2,7	full
30125.045.025	MF ZPL RCHSHD WDSCR TTAP 4,5X25MM	9	2,7	full
30125.045.030	MF ZPL RCHSHD WDSCR TTAP 4,5X30MM	9	2,7	full
30125.045.035	MF ZPL RCHSHD WDSCR TTAP 4,5X35MM	9	2,7	full
30125.045.040	MF ZPL RCHSHD WDSCR TTAP 4,5X40MM	9	2,7	25
30125.045.045	MF ZPL RCHSHD WDSCR TTAP 4,5X45MM	9	2,7	30
30125.045.050	MF ZPL RCHSHD WDSCR TTAP 4,5X50MM	9	2,7	35
30125.050.016	MF ZPL RCHSHD WDSCR TTAP 5X16MM	10	3	full
30125.050.020	MF ZPL RCHSHD WDSCR TTAP 5X20MM	10	3	full
30125.050.025	MF ZPL RCHSHD WDSCR TTAP 5X25MM	10	3	full
30125.050.030	MF ZPL RCHSHD WDSCR TTAP 5X30MM	10	3	full
30125.050.035	MF ZPL RCHSHD WDSCR TTAP 5X35MM	10	3	full

Material	Material Description	Head diameter d_h	Minor dia d_1	Thread length l_g
30125.050.040	MF ZPL RCHSHD WDSCR TTAP 5X40MM	10	3	25
30125.050.045	MF ZPL RCHSHD WDSCR TTAP 5X45MM	10	3	30
30125.050.050	MF ZPL RCHSHD WDSCR TTAP 5X50MM	10	3	35
30125.050.060	MF ZPL RCHSHD WDSCR TTAP 5X60MM	10	3	45
30125.050.070	MF ZPL RCHSHD WDSCR TTAP 5X70MM	10	3	55
30125.050.080	MF ZPL RCHSHD WDSCR TTAP 5X80MM	10	3	54
30125.060.030	MF ZPL RCHSHD WDSCR TTAP 6X30MM	12	3,6	full
30125.060.040	MF ZPL RCHSHD WDSCR TTAP 6X40MM	12	3,6	25
30125.060.050	MF ZPL RCHSHD WDSCR TTAP 6X50MM	12	3,6	35
30125.060.060	MF ZPL RCHSHD WDSCR TTAP 6X60MM	12	3,6	45
30125.060.080	MF ZPL RCHSHD WDSCR TTAP 6X80MM	12	3,6	54
30125.060.100	MF ZPL RCHSHD WDSCR TTAP 6X100MM	12	3,6	67
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30130.040.016	MF YLP RCHSHD WDSCR TTAP 4X16MM	8	2,4	full
30130.040.020	MF YLP RCHSHD WDSCR TTAP 4X20MM	8	2,4	full
30130.040.025	MF YLP RCHSHD WDSCR TTAP 4X25MM	8	2,4	full
30130.040.030	MF YLP RCHSHD WDSCR TTAP 4X30MM	8	2,4	full
30130.040.035	MF YLP RCHSHD WDSCR TTAP 4X35MM	8	2,4	full
30130.040.040	MF YLP RCHSHD WDSCR TTAP 4X40MM	8	2,4	25
30130.040.045	MF YLP RCHSHD WDSCR TTAP 4X45MM	8	2,4	30
30130.040.050	MF YLP RCHSHD WDSCR TTAP 4X50MM	8	2,4	35
30130.040.060	MF YLP RCHSHD WDSCR TTAP 4X60MM	8	2,4	45
30130.045.016	MF YLP RCHSHD WDSCR TTAP 4,5X16MM	9	2,7	full
30130.045.020	MF YLP RCHSHD WDSCR TTAP 4,5X20MM	9	2,7	full
30130.045.025	MF YLP RCHSHD WDSCR TTAP 4,5X25MM	9	2,7	full
30130.045.030	MF YLP RCHSHD WDSCR TTAP 4,5X30MM	9	2,7	full
30130.045.035	MF YLP RCHSHD WDSCR TTAP 4,5X35MM	9	2,7	full
30130.045.040	MF YLP RCHSHD WDSCR TTAP 4,5X40MM	9	2,7	25
30130.045.045	MF YLP RCHSHD WDSCR TTAP 4,5X45MM	9	2,7	30
30130.045.050	MF YLP RCHSHD WDSCR TTAP 4,5X50MM	9	2,7	35
30130.050.016	MF YLP RCHSHD WDSCR TTAP 5X16MM	10	3	full
30130.050.020	MF YLP RCHSHD WDSCR TTAP 5X20MM	10	3	full
30130.050.025	MF YLP RCHSHD WDSCR TTAP 5X25MM	10	3	full
30130.050.030	MF YLP RCHSHD WDSCR TTAP 5X30MM	10	3	full
30130.050.035	MF YLP RCHSHD WDSCR TTAP 5X35MM	10	3	full
30130.050.040	MF YLP RCHSHD WDSCR TTAP 5X40MM	10	3	25
30130.050.045	MF YLP RCHSHD WDSCR TTAP 5X45MM	10	3	30
30130.050.050	MF YLP RCHSHD WDSCR TTAP 5X50MM	10	3	35
30130.050.060	MF YLP RCHSHD WDSCR TTAP 5X60MM	10	3	45
30130.050.070	MF YLP RCHSHD WDSCR TTAP 5X70MM	10	3	55
30130.050.080	MF YLP RCHSHD WDSCR TTAP 5X80MM	10	3	54
30130.060.030	MF YLP RCHSHD WDSCR TTAP 6X30MM	12	3,6	full
30130.060.040	MF YLP RCHSHD WDSCR TTAP 6X40MM	12	3,6	25
30130.060.050	MF YLP RCHSHD WDSCR TTAP 6X50MM	12	3,6	35
30130.060.060	MF YLP RCHSHD WDSCR TTAP 6X60MM	12	3,6	45
30130.060.080	MF YLP RCHSHD WDSCR TTAP 6X80MM	12	3,6	54
30130.060.100	MF YLP RCHSHD WDSCR TTAP 6X100MM	12	3,6	67