

**Declaration of Performance nr. MF\_DoP\_006**

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

1. Unique identification code of the product type:

**30225 HFT 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:

<b>Generic type:</b>	<b>Wood construction screw with sharp point, wax coating, milling ribs and flange head, with TTap®-drive</b>
<b>Material:</b>	Carbon steel
<b>Corrosion protection:</b>	Min. Fe/Zn3/C to ISO 2081
<b>Service class:</b>	Service class 1 according to EN 1995-1-1
<b>Fire resistance:</b>	NPD
<b>Reaction to fire:</b>	Classification A1 according to EN13501-1
<b>Intended use:</b>	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:

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

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	6,0	8,0	10,0
Characteristic yield moment to EN 409	$M_{y,k}$	Nmm	10.592	29.033	46.227
Characteristic withdrawal parameter to EN 1382	$f_{ax,k}$	MPa	14,20	13,06	10,08
Wood density (spruce)	$\rho_k$	kg/m <sup>3</sup>	452	446	397
Characteristic head pull-through parameter to EN 1383	$f_{head,k}$	MPa	20,13	11,10	12,62
Wood density (Okoumé plywood)	$\rho_k$	kg/m <sup>3</sup>	485	494	507
Characteristic tensile capacity to EN 1383	$f_{tens,k}$	kN	12,22	24,57	36,61
Torsional resistance	$R_{tor}$	Nm	3,75	6,45	9,32
Wood density (spruce)	$\rho_k$	kg/m <sup>3</sup>	452	446	397
Characteristic torsional strength	$f_{tor,k}$	Nm	9,90	25,25	51,11
Characteristic torsional ratio to ISO 10666	$f_{tor,k}/R_{tor}$		2,60	3,90	5,50
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 $l_g$
30225.060.080	MF YLP FLH CON SCR TTAP 6X80MM	12	3,6	46,5
30225.060.100	MF YLP FLH CON SCR TTAP 6X100MM	12	3,6	59,5
30225.060.120	MF YLP FLH CON SCR TTAP 6X120MM	12	3,6	72,5
30225.060.140	MF YLP FLH CON SCR TTAP 6X140MM	12	3,6	86,5
30225.060.160	MF YLP FLH CON SCR TTAP 6X160MM	12	3,6	99,5
30225.060.180	MF YLP FLH CON SCR TTAP 6X180MM	12	3,6	112,5
30225.060.200	MF YLP FLH CON SCR TTAP 6X200MM	12	3,6	125,5
30225.060.220	MF YLP FLH CON SCR TTAP 6X220MM	12	3,6	140
30225.060.240	MF YLP FLH CON SCR TTAP 6X240MM	12	3,6	153
30225.060.260	MF YLP FLH CON SCR TTAP 6X260MM	12	3,6	167
30225.060.280	MF YLP FLH CON SCR TTAP 6X280MM	12	3,6	180
30225.060.300	MF YLP FLH CON SCR TTAP 6X300MM	12	3,6	193
30225.080.080	MF YLP FLH CON SCR TTAP 8X80MM	22	5,1	46,5
30225.080.100	MF YLP FLH CON SCR TTAP 8X100MM	22	5,1	59,5
30225.080.120	MF YLP FLH CON SCR TTAP 8X120MM	22	5,1	72,5
30225.080.140	MF YLP FLH CON SCR TTAP 8X140MM	22	5,1	86,5
30225.080.160	MF YLP FLH CON SCR TTAP 8X160MM	22	5,1	99,5
30225.080.180	MF YLP FLH CON SCR TTAP 8X180MM	22	5,1	112,5
30225.080.200	MF YLP FLH CON SCR TTAP 8X200MM	22	5,1	125,5
30225.080.220	MF YLP FLH CON SCR TTAP 8X220MM	22	5,1	140
30225.080.240	MF YLP FLH CON SCR TTAP 8X240MM	22	5,1	153
30225.080.260	MF YLP FLH CON SCR TTAP 8X260MM	22	5,1	167
30225.080.280	MF YLP FLH CON SCR TTAP 8X280MM	22	5,1	180
30225.080.300	MF YLP FLH CON SCR TTAP 8X300MM	22	5,1	193
30225.080.320	MF YLP FLH CON SCR TTAP 8X320MM	22	5,1	207
30225.080.340	MF YLP FLH CON SCR TTAP 8X340MM	22	5,1	220
30225.080.360	MF YLP FLH CON SCR TTAP 8X360MM	22	5,1	233
30225.080.380	MF YLP FLH CON SCR TTAP 8X380MM	22	5,1	247
30225.080.400	MF YLP FLH CON SCR TTAP 8X400MM	22	5,1	260
30225.100.080	MF YLP FLH CON SCR TTAP 10X80MM	23	6,1	46,5
30225.100.100	MF YLP FLH CON SCR TTAP 10X100MM	23	6,1	59,5
30225.100.120	MF YLP FLH CON SCR TTAP 10X120MM	23	6,1	72,5
30225.100.140	MF YLP FLH CON SCR TTAP 10X140MM	23	6,1	86,5
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30225.100.240	MF YLP FLH CON SCR TTAP 10X240MM	23	6,1	153
30225.100.260	MF YLP FLH CON SCR TTAP 10X260MM	23	6,1	167
30225.100.280	MF YLP FLH CON SCR TTAP 10X280MM	23	6,1	180
30225.100.300	MF YLP FLH CON SCR TTAP 10X300MM	23	6,1	193
30225.100.320	MF YLP FLH CON SCR TTAP 10X320MM	23	6,1	207
30225.100.340	MF YLP FLH CON SCR TTAP 10X340MM	23	6,1	220

Material	Material Description	Head diameter $d_h$	Minor dia $d_1$	Thread length $l_g$
30225.100.360	MF YLP FLH CON SCR TTAP 10X360MM	23	6,1	233
30225.100.380	MF YLP FLH CON SCR TTAP 10X380MM	23	6,1	247
30225.100.400	MF YLP FLH CON SCR TTAP 10X400MM	23	6,1	260