

HAETT001



Issued in accordance with the Construction Products Regulation (CPR) 305/2011/EU.
pgb-Europe nv hereby declares that the products mentioned below comply with the requirements of:

EN 14592 2008+A1 2012 – Timber structures - Dowel-type fasteners

- Unique identification code of the product-type:*
HAETT0
- Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
see annex 1 to this document
- Intended uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:*

Generic type:	Hapax BlueTop wood construction screw with flange head
Material:	Carbon steel ASTM-SAE 10B21 (case hardened)
Corrosion protection:	Zinc plating, minimum 8 µm, ISO 4042
Service class:	Service class 2 according to EN 1995-1-1
Fire resistance:	NPD
Reaction to fire:	Classification A1 according to EN13501-1
Intended use:	Screws for load-bearing timber structures

- Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):*
pgb-Europe nv – Gontrode Heirweg 170 – 9090 Melle – Belgium
- Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):*
NOT RELEVANT
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
System 3
- In case of the declaration of performance concerning a construction product covered by a harmonized*

standard: EN 14592:2008 +A1-2012
performed by: HFB Engineering GMBH
Zschortauer Straße 42
04129 Leipzig
under system: 3
and issued: Initial Type Test report n° 311002700/1/2019

Declaration of Performance






DoP HAETT001 page 2 / 3

Rev. 00

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				
				Ø 6		Ø 8		
	$M_{y,k}$	Characteristic yield moment	[Nm]	11,79		27,82		
	$f_{ax,k}$	Characteristic withdrawal parameter	[N/mm ²]	17,5	12,2	14,5	10,1	
	$F_{AZ,max,MW}$	Withdrawal (mean values)	[kN]	5,61	8,64	7,82	9,68	
	ρ_k	Wood density	[kg/m ³]	462	378	477	419	
		Screw-in depth	[mm]	48	100	60	100	
	Plywood 15mm							
	$f_{head,k}$	Characteristic head pull-through parameter	[N/mm ²]	13,3	8,7			
	ρ_k	Wood density	[kg/m ³]	446	496			
$F_{KDZ,max,MW}$	Head pull through (mean values)	[kN]	4,51	6,42				
	$f_{tens,k}$	Characteristic tensile capacity	[kN]	13,45		24,96		
	$f_{tor,k}$	Characteristic torsional strength	[Nm]	11,58		28,64		
	$R_{tor,k, thread}$	Characteristic insertion moment	[Nm]	2,41	2,13	5,93	4,81	
	$R_{tor,k, shaft}$	Characteristic insertion moment	[Nm]	3,63	2,89	6,59	6,54	
	ρ_k	Wood density	[kg/m ³]	462	428	477	419	
		Screw-in depth	[mm]	75	192	93	192	
	$f_{tor,k} / R_{tor,k}$	Characteristic torsional ratio (smooth part / threaded part)	[-]	4,80/ 3,19	5,44/ 4,00	4,83/ 4,35	5,95/ 4,38	

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.

Place and date of issue	Signature	
Melle, 06/09/2019		Johannes Heye, product manager 

Annex 1 : Productoverzicht



Hapax constructieschroef met deeldraad en flenskop, gehard en gewaxt.



d [mm]	l [mm]	dk [mm]	Art. Nr.	EAN code	TX			
6	30	14	HAETTG001006000303	5410439471763	TX 30	100	3600	86400
	40	14	HAETTG001006000403	5410439471770	TX 30	100	2400	57600
	50	14	HAETTG001006000503	5410439471787	TX 30	100	2400	57600
	60	14	HAETTG001006000603	5410439471794	TX 30	100	1600	38400
	70	14	HAETTG001006000703	5410439471800	TX 30	100	1600	38400
	80	14	HAETTG001006000803	5410439471817	TX 30	100	1600	38400
	100	14	HAETTG001006001003	5410439471824	TX 30	100	1600	38400
	120	14	HAETTG001006001203	5410439471831	TX 30	100	1200	28800
	140	14	HAETTG001006001403	5410439471848	TX 30	100	1200	28800
	160	14	HAETTG001006001603	5410439471855	TX 30	100	800	19200
	180	14	HAETTG001006001803	5410439471862	TX 30	100	800	19200
	200	14	HAETTG001006002003	5410439471879	TX 30	100	800	19200
	220	14	HAETTG001006002203	5410439471886	TX 30	100	800	19200
	240	14	HAETTG001006002403	5410439471893	TX 30	100	400	9600
	260	14	HAETTG001006002603	5410439471909	TX 30	100	400	9600
	280	14	HAETTG001006002803	5410439471916	TX 30	100	400	9600
	300	14	HAETTG001006003003	5410439471923	TX 30	100	400	9600
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50		14	HAETTG001008000503	5410439471947	TX 40	50	800	19200
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100		14	HAETTG001008001003	5410439471978	TX 40	50	600	14400
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160		14	HAETTG001008001603	5410439471992	TX 40	50	400	9600
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220		14	HAETTG001008002203	5410439472029	TX 40	50	400	9600
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260		14	HAETTG001008002603	5410439472043	TX 40	50	200	4800
280		14	HAETTG001008002803	5410439472050	TX 40	50	200	4800
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320		14	HAETTG001008003203	5410439472074	TX 40	50	200	4800
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360		14	HAETTG001008003603	5410439472098	TX 40	50	-	5700
380	14	HAETTG001008003803	5410439472104	TX 40	50	-	5400	
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440	14	HAETTG001008004403	5410439472128	TX 40	50	-	5400	
450	14	HAETTG001008004503	5410439472135	TX 40	50	-	4200	