

Declaration of Performance

according to Regulation (EU) no. 305/2011

Reference number: LE 002

General data								
Product	Stardrive GPR® screws							
Coding acc. to Annex 0 of ETA	dddLLL/bbb ____ see label							
Tracking number	Et. Nr. ____ see label							
Types	Product characteristics according to ETA-12/0373 Table A6.1ff							
Intended use	Screws as timber fasteners for load-carrying timber structures							
Manufacturer	Schmid Schrauben Hainfeld GmbH, A-3170 Hainfeld, Landstal 10, www.schrauben.at							
System	System 2+							
Technical assessment body	HolzCert Austria no. 1359							
Certificate of conformity for in-house production control	CPD - 0519							
European assessment document	CUAP 06.03/08							
European technical assessment	ETA-12/0373 from 05/11/2012 to 04/11/2017							
Performances declared								
Dimension d	mm	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0	Ø 8,0	Ø 10,0	
General characteristics acc. to ETA		x	x	x	x	x	x	ETA-12/0373
Major characteristics	Unit	Performance						European technical assessment
Characteristic tensile strength $f_{tens, k}$	kN	5,0	5,8	8,8	12,8	22,7	33,2	ETA-12/0373
Characteristic yield bending moment $M_{y, k}$	Nm	3,2	4,9	6,5	10,1	22,6	33,0	ETA-12/0373
Characteristic pull-out parameter $f_{ax, k, 90^\circ}$	N/mm ²	14,8	13,8	13,6	13,0	10,7	9,5	ETA-12/0373
Characteristic yield point $f_{y, k}$	N/mm ²	900	900	900	900	900	900	ETA-12/0373
Characteristic torsional strength $f_{tor, k}$	Nm	3,0	4,2	6,3	10,1	25,6	47,5	ETA-12/0373
Corrosion protection use class	Class	I	II	II	II	II	II	EN 1995-1-1:11.2004
Head diameter d_k countersunk head	mm	Ø 8,0	Ø 9,0	Ø 10,0	Ø 12,0	Ø 15,0	Ø 18,5	
Characteristic head pull-through parameter $f_{head 90^\circ, k}$	N/mm ²	17,1	17,6	14,6	14,6	12,4	12,2	ETA-12/0373
Head diameter d_k washer head	mm	-	-	-	Ø 14,0	Ø 20,0	Ø 25,0	
Characteristic head pull-through parameter $f_{head 180^\circ, k}$	N/mm ²	-	-	-	16,7	17,6	15,2	ETA-12/0373

The performance of the above-mentioned products is in conformity with the performance declared. The manufacturer is solely responsible for the preparation of the declaration of performance.

Signed for the manufacturer on the manufacturer's behalf:



Erich Pinczker
Anwendungstechnik



Andreas Gebert
Geschäftsführer

Hainfeld, 25 June 2013