

Declaration of Performance

according to Regulation (EU) no. 305/2011

Reference number: LE 003

General data									
Product	RAPID®, RAPID® 2000 and RAPID® Komplex 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	Ø 12,0	
General characteristics acc. to ETA		x	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	7,0	8,8	13,1	23,3	35,0	47,5	ETA-12/0373
Characteristic yield bending moment $M_{y,k}$	Nm	3,1	4,2	5,9	10,7	22,6	33,6	58,6	ETA-12/0373
Characteristic pull-out parameter $f_{ax,k,90^\circ}$	N/mm ²	14,3	13,3	13,6	13,0	10,9	11,0	8,9	ETA-12/0373
Characteristic yield point $f_{y,k}$	N/mm ²	900	900	900	900	900	900	900	ETA-12/0373
Characteristic torsional strength $f_{tor,k}$	Nm	3,5	4,9	6,6	10,9	28,0	52,5	59,6	ETA-12/0373
Corrosion protection use class	Class	I	II	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	Ø 21,0	
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	10,3	ETA-12/0373
Head diameter d_k washer head	mm	-	-	Ø 14,0	Ø 17,0	Ø 22,0	Ø 27,0	Ø 30,0	
Characteristic head pull-through parameter $f_{head 180^\circ,k}$	N/mm ²	-	-	16,7	16,7	20,4	14,5	10,0	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