

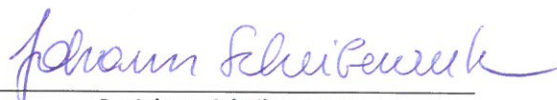
Declaration of Performance LE003A

according to Regulation (EU) no. 305/2011

General data								
Product	RAPID® 2000 and RAPID® Komplex screws							
Coding acc. to Annex 0 of ETA	dddxLLL/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	3							
Technical assessment body	Austrian Institute of Construction Engineering (OIB)							
European assessment document	EAD 130118-00-0603							
European technical assessment	ETA-12/0373							
Declared performances								
Dimension d	mm	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0	Ø 8,0	Ø 10,0	
Essential characteristics	Unit	Performance ($\rho_k = 350 \text{ kg/m}^3$, e.g. C24)						European technical assessment
Tensile strength $f_{\text{tens},k}$	kN	5,0	7,0	8,8	13,1	23,3	35,0	ETA-12/0373
Yield moment $M_{y,k}$	Nm	3,1	4,2	5,9	10,7	22,6	33,6	ETA-12/0373
Withdrawal parameter $f_{\text{ax},k,90^\circ}$	N/mm ²	14,3	13,3	13,6	13,0	10,9	11,0	ETA-12/0373
Yield strength $f_{y,k}$	N/mm ²	900	900	900	900	900	900	ETA-12/0373
Torsional strength $f_{\text{tor},k}$	Nm	3,5	4,9	6,6	10,9	28,0	52,5	ETA-12/0373
Corrosion protection	Service class	I	II	II	II	II	II	EN 1995-1-1
Countersunk-head head diameter d_k	mm	Ø 8,0	Ø 9,0	Ø 10,0	Ø 12,0	Ø 15,0	Ø 18,5	
Head pull-through parameter $f_{\text{head } 90^\circ, k}$	N/mm ²	17,1	17,6	14,6	14,6	12,4	12,2	ETA-12/0373
Washer-head head diameter d_k	mm	-	-	Ø 14,0	Ø 17,0	Ø 22,0	Ø 27,0	
Head pull-through parameter $f_{\text{head } 180^\circ, k}$	N/mm ²	-	-	16,7	17,1	20,4	14,5	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:



Dr. Johann Scheibenreiter
 Authorised representative

Hainfeld, 03.11.2017

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