



DECLARATION OF PERFORMANCE
according Annex III of the Regulation (EU) Nr. 305/2011

Name of the product **Chipboard screw countersunk head with drilling tip; A2**

Nr. **DOP 16_1-17/3**

1. Unique identification code of the product-type: DOP 16_1-17/3
2. Inteded use: Screws for structural timber products
3. Manufacturer: Verbindungselemente Engel GmbH
Weltestraße 2+4
D-88250 Weingarten
5. System of AVCP: System 3
6. Harmonised standard: EN 14592:2008+A1:2012
Notified body: NB 1015
7. Declared performance:

Essential features	Measure	Performance			
		Dimension			
	[mm]	Ø 4,0	Ø 4,5	Ø 5,0	Ø 6,0
Characteristic yield moment $M_{y,k}$	[Nmm]	1511	2714	3559	4997
Characteristic tensile capacity $f_{tens,k}$	[kN]	2,07	2,73	2,97	4,32
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm ²]	6,60	6,53	7,04	6,38
Characteristic head pull-through parameter $f_{head,k}$	[N/mm ²]	13,04	14,09	13,97	12,26
Characteristic torsional ratio $f_{tor,k} / R_{tor,k}$		≥ 1,50			
Characteristic timber density ρ	[Kg/m ³]	450			
Corrosion protection stainless steel class of use EN1995-1-1	Klasse	3			

8. Appropriate Technical Documentation: TPS-CE 16_1-17

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Holger Voss, managing director
Weingarten, 10.01.2020