

Declaration of Performance
DoP 005/2026.1

Declaration of Performance

SCRAIL® CHIPBOARD



1. Unique code	Screws
2. Means of identification	See table 2
3. Intended use	Dowel-type fasteners for use in load bearing timber structures
4. Manufacturer	Beck Fastening GmbH Raimund Beck Str. 1 A-5270 Mauerkirchen
5. Authorized representative, if any	N/A
6. System of constancy of performance	System 3
7. Harmonized standard	EN 14592:2008+A1:2012
8. Purpose harmonized standards	VHT Versuchsanstalt für Holz- und Trockenbau GmbH Annastraße 18 64285 Darmstadt
9. Declaration of performance at an ETA	N/A

The performance of the product identified in point 1 and 2 is in conformity with the declared performance in tables 2. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

SCRAIL® CHIPBOARD

For all common types of collation:

Plastic strip 17°/20°/30°/33° | Wire coil 15° | Coil SCRAIL in plastic sheet 0°/15° | Plastic coil 20°




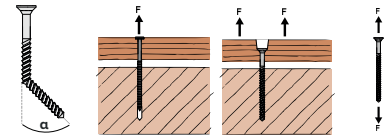
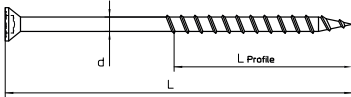
Symbol	Shaft	Service class	Corrosion protection	Steel standard
	EG 5μ	1	>5μm zinc	EN ISO 16120
	EG 12μ	2	>12μm zinc yellow chromated	
	V2A	3	-	EN 10088

Table 1 Service classes

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Sym- bols	Shaft	Diame- ter (d)		Countersunk head		Length (L)	Profiled length (L _{Profile})	Point length	Charac- teristic torsional strength	Charac- teristic torsion ratio	Bending angle α	Characte- ristic yield moment	Charac- teristic withdrawal parameter	Charac- teristic head pull- through parameter	Charac- teristic tensile strength
		HD	A	f _{tor,k}	M _{y,k}										
		[mm]	[mm]	[mm ²]	[mm]	[mm]	[mm]	[mm]	[Nm]		[°]	[Nmm]	[N/mm ²]	[N/mm ²]	[N]
	EG 5H	2,9	7,0	39	40-110	13,05-78,5	1,5-7,3	4,68	1,9	21,4	4443	8,15	12,31	4401	
	EG 12H	2,9	7,0	39	40-110	13,05-78,5	1,5-7,3	4,68	1,9	21,4	4443	8,15	12,31	4401	
	STAINLESS STEEL V2A	3,1	5,8	27	40-110	13,95-78,4	1,6-7,8	20,4	3,58	1,58	3496	8,72	12,26	5478	
		3,1	7,0	39	40-110	13,95-78,4	1,6-7,8	3,58	1,58	20,4	3496	8,72	13,76	5478	

Table 2 SCRAIL® CHIPBOARD

- + Declared values according to EN 14592:2008+A1:2012
- + f_{ax,k} and f_{head,k} have been tested at a characteristic wood density of 350 kg/m³.
- + NPd = No Performance Determined

Signed for and on behalf of the manufacturer by:

Christian Beck - Managing Director and CEO



(signature)