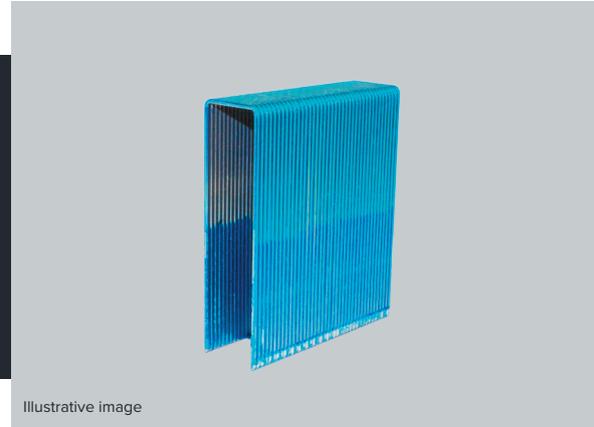


Declaration of Performance
DoP 003/2026.1

Declaration of Performance

STAPLES ETA



1. Unique code	Staples
2. Means of identification	See table 2
3. Intended use	Load-bearing connections in 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	N/A
8. Purpose harmonized standards	VHT Versuchsanstalt für Holz- und Trockenbau GmbH - 1503 Annastraße 18 64285 Darmstadt
9. Declaration of performance at an ETA	ETA-17/0777 dated January 23, 2018, assessed by the German Institute for Building Technology, Kolonnenstraße 30B, 10829 Berlin, Germany

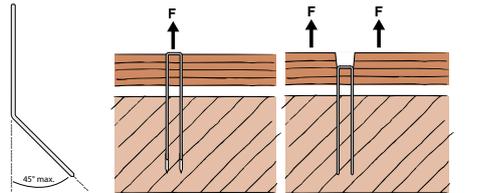
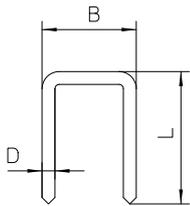
The performance of the product in accordance with points 1 and 2 corresponds to the declared performance in Table 2. The manufacturer is solely responsible for drawing up this declaration of performance in accordance with point 4.

Symbol	Shaft	Service class	Corrosion protection	Steel standard
	EG 12 μ	2	>12 μ m zinc	EN ISO 16120
	V2A	3	-	EN 10088

Table 1 Service classes

Declaration of Performance DoP 003/2026.1

Staples



Symbol	Shaft	Wire diameter (D)	Leg length (L)	Max. width of staple crown (B)	Resinated length	Characteristic yield moment	Withdrawal capacity for short-term and medium-term loads	Characteristic head pull-through parameter	Characteristic tensile strength	Withdrawal capacity for long-term and permanent loads (service class 1 and 2)
						$M_{y,k}$	$f_{ax,k}$	$f_{head,k}$	$f_{tens,k}$	$R_{ax,d}$
		[mm]	[mm]	[mm]	[mm]	[Nmm]	[N/mm ²]	[N/mm ²]	[N]	[N]
	EG 12µ	1,5	20-98	10,5	min 0,5*L	670	5,8	37	NPD	70
		1,5	20-98	27		670	5,8	23	NPD	
		1,78	22-115	11,3		830	6,8	38	NPD	
		2	24-170	11,6		1240	5,4	35	NPD	
	STAIN-LESS STEEL V2A	1,5	20-98	10,5		670	6,5	37	NPD	
		1,5	20-98	27		640	6,5	23	NPD	
		1,78	22-115	11,3		1030	6,0	38	NPD	
		2	24-170	26,8		1170	5,7	37	NPD	

Table 2 Staples

Other key features that apply to all product types:

- + Withdrawal capacity for long-term and permanent loads: $R_{ax,d} = 70$ N (service class 1 and 2)
- + Minimum tensile strength of the wire: $f_u = 900$ N/mm²
- + $f_{ax,k}$ and $f_{head,k}$ have been tested at a characteristic wood density of 350 kg/m³

Declared values according to ETA-17/0777

NPD = No Performance Determined

Signed for and on behalf of the manufacturer by:

Christian Beck - Managing Director and CEO



(signature)