

Declaration of performance

Declaration of performance no: DOP-320836-2020

1. Unique product type identification code: CT 08360
2. Intended use or uses: For connecting wooden load-bearing structures with wooden elements
3. Manufacturer: DOMAX Sp. z o.o. Łężyce, al. Parku Krajobrazowego 109 84-207 Koleczkowo, Poland
4. Authorised representative: nd
5. Stability assessment and verification system: 3
6. Harmonized technical specification

	notified body name	notified body no.	according to the document	European Assessment Document
Technical assessment	Technický a zkušební ústav stavební Praha	1020	ETA 19/0474 ((z dnia 30.05.2022 r.)	EAD 130118-01-0603

Notified body certifying production control issues a compliance certificate for the plant production control under initial inspection of the production plant and plant production control as well as consistent supervision and assessment of the plant production control.

7. Declared Performance

Essential characteristics	functional properties	europen assessment document
Corrosion resistance	Fe/Zn 12c	ETA 19/0474
Application classes	1 i 2 (EN 1995-1-1:2010)	ETA 19/0474
Fire safety		
Fire response	A1	ETA 19/0474
Hygiene, health and the environment. Content, emission and/or release of dangerous substances	The product does not contain cadmium or any other hazardous substances	ETA 19/0474
Dimensions [mm]	d= 8,0 +/-0,2, l= 360 +/-9,0, lg=100 +/-5,0, dhead= 20 +/- 0,5, ds= 5,75 +/-0,05, d1= 5,3 +/- 0,13	ETA 19/0474
Bending angle	42°70'	ETA 19/0474
Characteristic yield strength	1067,11 MPa	ETA 19/0474
Characteristic moment of plasticization of the smooth part (Nmm)	39220	ETA 19/0474
Characteristic moment of plasticization of the threaded part (Nmm)	20840	ETA 19/0474
Tensile load-carrying capacity	25,65	ETA 19/0474
Characteristic torsional ratio f _{tor} , k / R _{tor} , k	4,75	ETA 19/0474
Characteristic torsional strength	25,65	ETA 19/0474
Characteristic torsional resistance into timber	5,40	ETA 19/0474
Characteristic withdrawal parameter- radially to wood fibers f _{ax,k} (N/mm ²)	22,05 (g=350 kg/m ³)	ETA 19/0474
Characteristic withdrawal parameter- tangent to wood fibers f _{ax,k} (N/mm ²)	22,17 (g=350 kg/m ³)	ETA 19/0474
Characteristic withdrawal parameter- along to wood fibers f _{ax,k} (N/mm ²)	11,28 (g=350 kg/m ³)	ETA 19/0474
Characteristic head pull-through parameter- radially to wood fibers f _{head,k} (N/mm ²)	16,31 (g=380 kg/m ³)	ETA 19/0474
Characteristic head pull-through parameter- tangent to wood fibers f _{head,k} (N/mm ²)	31,56 (g=380 kg/m ³)	ETA 19/0474

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

