



## Declaration of Performance (UK)

DOP#: 840280

1. Product type: TJEP KG-16 45mm klammer m/lim. Elgalv.
2. Identification code: 840280
3. Intended use or uses of the construction product: Construction staple for structural timber products
4. Manufacturer: Kyocera Unimerco Fastening A/S, Drejervej 2, DK-7451 Sunds
5. System of assessment and verification of constancy of performance: System 3
6. TAB : Technický a zkušební ústav stavební Praha, s.p.
7. Report no. ETA 19/0334 according to EAD 1300019-00-0603. Year: 2023.
8. Declared performance (for explanation see point 10)

Væsentlige egenskaber	Ydeevne	
$M_{y,k}$ [Nmm]	629	
$f_{ax,k}$ [N/mm <sup>2</sup> ]	8,54	@ $\rho_k = 350 \text{ kg/m}^3$
$f_{head,k}$ [N/mm <sup>2</sup> ]	30,24	@ $\rho_k = 350 \text{ kg/m}^3$
$R_{ax,k}$	70 N mit $\gamma_M = 1,3$	@ $\rho_k = 350 \text{ kg/m}^3$
Service class: 2	> 12 $\mu\text{m}$	Corrosion protection: Elgalv, EG, Verzinkt EN1995-1-1
Non-alloy steel rods according to EN 16120-(all parts)	$f_u$ : > 900 N/mm <sup>2</sup>	
a, c: 1,34 x 1,60 mm	l: 45 mm	t3: 45,0 mm
As: 1,92 mm <sup>2</sup>	b: 11,3 mm	Reaction to fire: Class A1

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed 18-11-2023 for and on behalf of the manufacturer by:



Ebbe Hornstrup – Operations Director

10.

$M_{y,k}$



$f_{ax,k} - R_{ax,k}$



$f_{head,k}$

